

XVM-H6

SERVICE MANUAL

US Model

Ver 1.0 2002. 07



- This set consists of the following units.

MONITOR	XVM-H6D
CONNECTION BOX	XA-116
REMOTE COMMANDER	RM-X125

SPECIFICATIONS

Monitor

System	Liquid crystal color display
Drive system	TFT-LCD active matrix system
Picture size	5.8 inches wide screen (16:9) 124 × 73 mm, 147 mm (5 × 2 7/8 in., 5 7/8 in.) (w/h, d)
Picture segment	280,800 (w 1200 × h 234) dots
Power requirements	12 V DC car battery (negative ground)
Current drain	Approx. 600 mA
Dimensions	160 × 98 × 30 mm (6 3/8 × 3 7/8 × 1 1/8 in.) (w/h/d)
Operating temperature	5 °C – 45 °C (41 °F – 113 °F)
Mass	Approx. 300 g (11 oz)

Connection box XA-116

Video Output	
Video:	75 Ω 1Vp-p
Video Input × 2 (Input-A, Input-B)	
Video:	75 Ω 1 Vp-p
Dimensions	92 × 29 × 62 mm (3 5/8 × 1 3/16 × 2 1/2 in.) (w/h/d)
Mass	Approx. 100 g (4 oz)

Card remote commander RM-X125

Power requirements	CR2025 lithium battery
Operable range	Approx. 2.5 m (8.22 ft.)
Dimensions	56 × 89 × 7 mm (2 1/4 × 3 5/8 × 9/32 in.) (w/h/d)
Mass	Approx. 25 g (1 oz) (including batteries)
Supplied accessories	Connection box XA-116 (1) Card remote commander RM-X125 (with supplied battery) (1) Power supply cord (1) Extension cable (5 m) (1) Mounting plate (1) Collar (1) Screws (4) Operating Instructions (1)

Design and specifications are subject to change without notice.

HEADREST MONITOR

9-874-136-01
2002G0400-1
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e Vehicle Company
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SONY®

Notes on Chip Component Replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

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6. ELECTRICAL PARTS LIST

SAFETY-RELATED COMPONENT WARNING!!

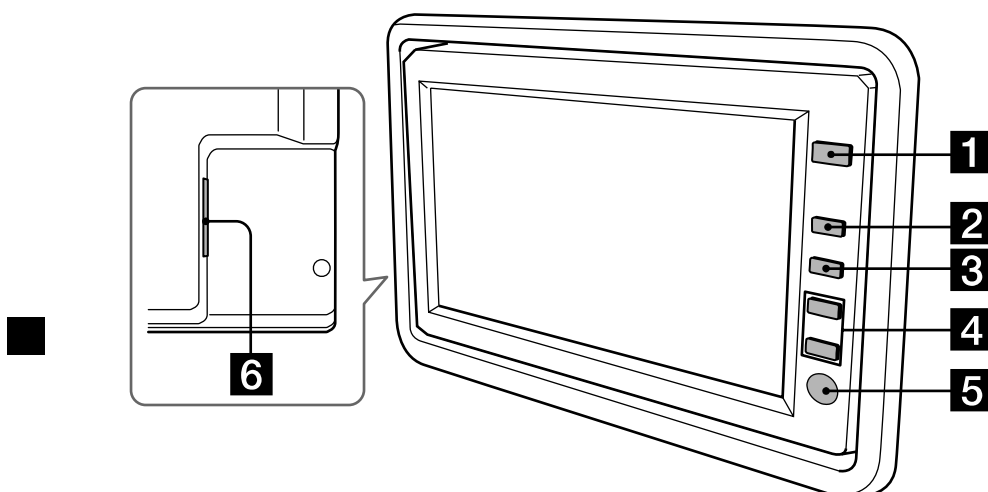
COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1 GENERAL

This section is extracted
from instruction manual.

Location of Controls

Monitor



1 POWER button 8

2 INPUT button 8

Press to select the input source.

3 MENU button 10

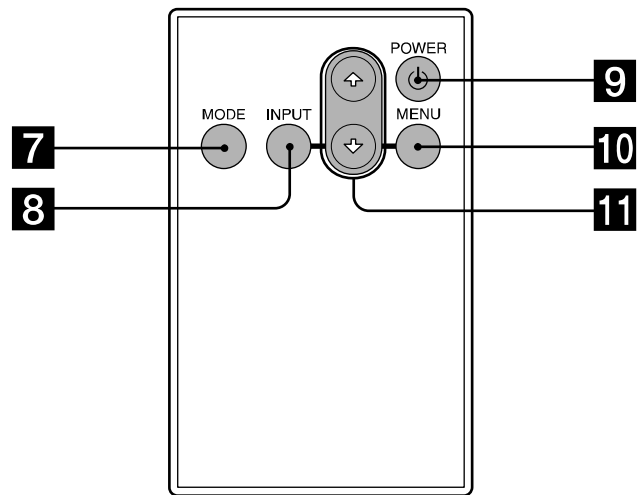
Press to adjust the various display settings.

4 ⇕/⇓ buttons 8, 10

5 Receptor for the card remote commander

6 Monitor connector

Card remote commander RM-X125



- 7** MODE button 9
Press to change the screen mode.

8 INPUT button 8
Press to select the input source.

9 POWER button 8
- 10** MENU button 10
Press to adjust the various display settings.

11 buttons 8, 10

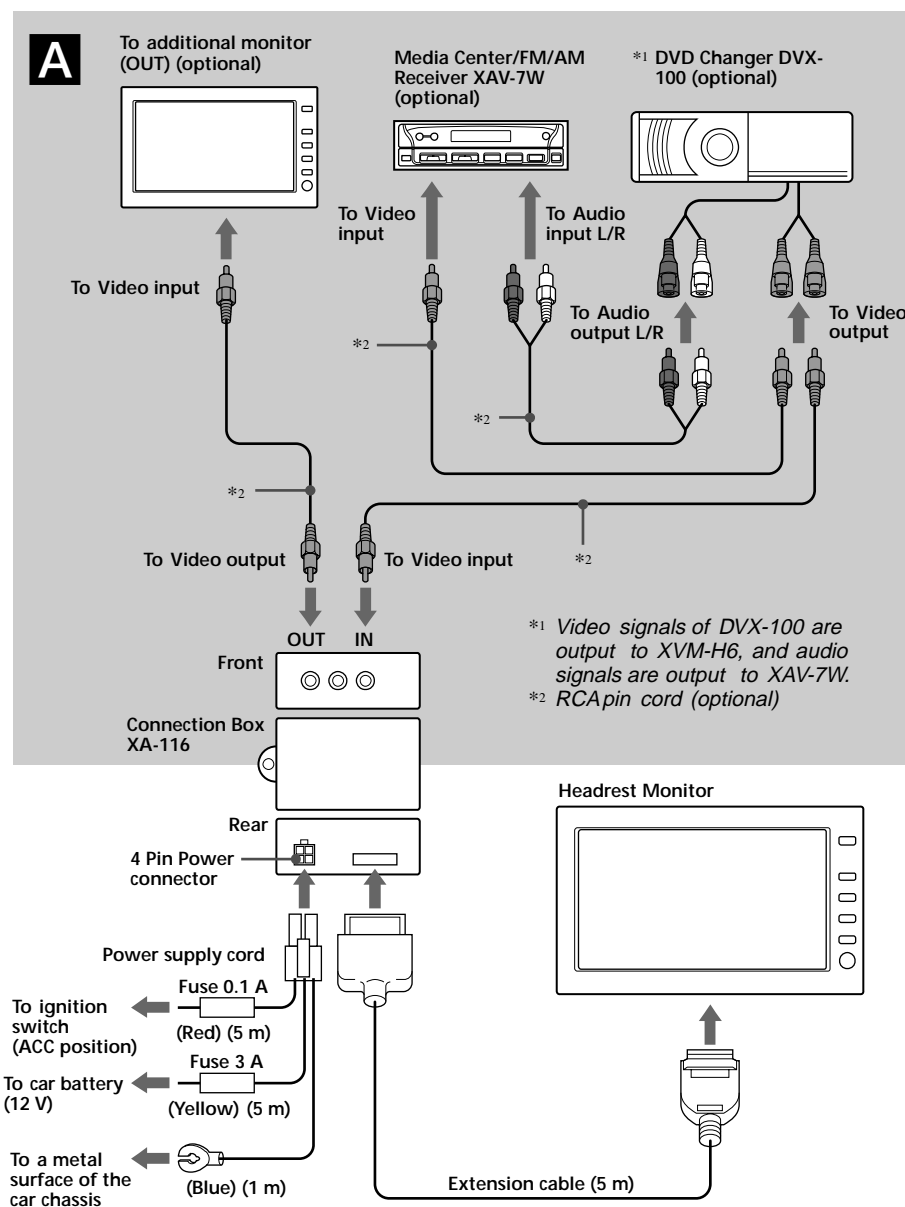
Tip
Refer to “Replacing the lithium battery” for details on how to replace the batteries (page 15).

Connection diagram

Standard connections

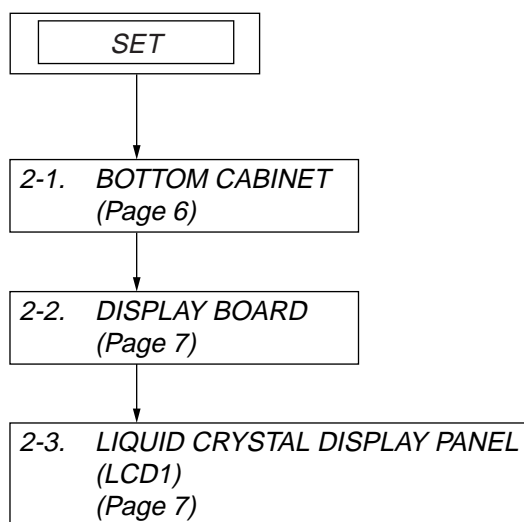
Refer to the diagram for the proper connections.

You can make connections shown in **A** area. Please ask a qualified technician for the other connections.



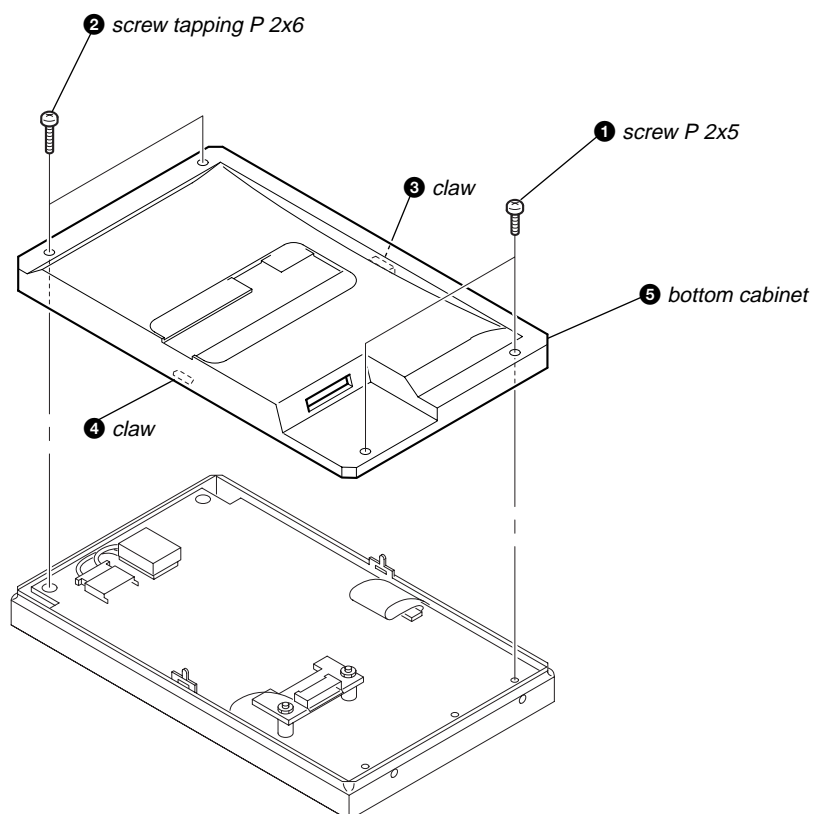
SECTION 2 DISASSEMBLY

Note : This set can be disassemble according to the following sequence.

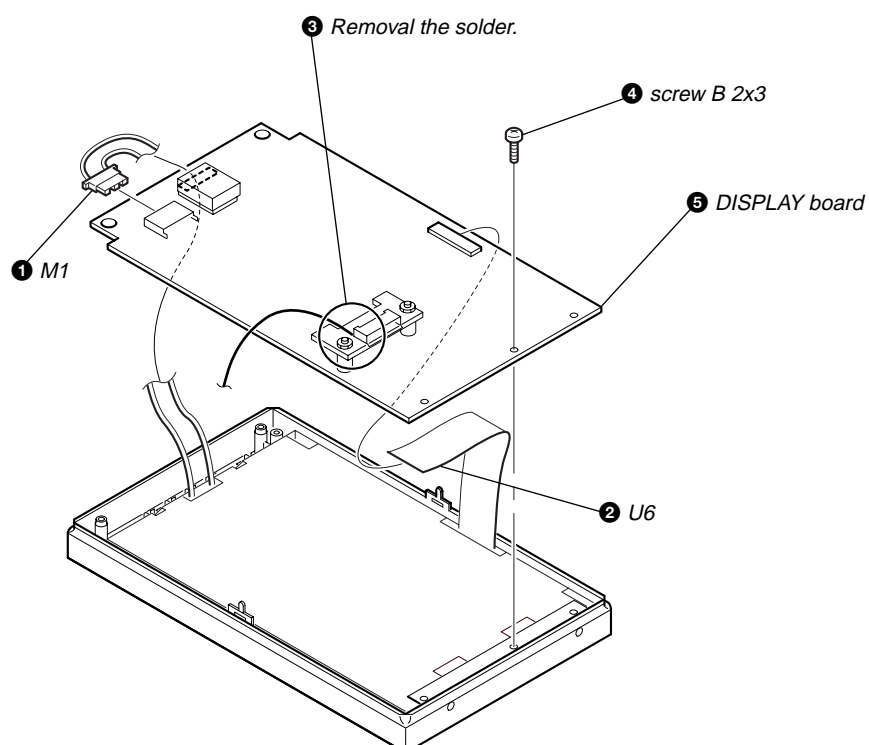


Note : Follow the disassembly procedure in the numerical order given.

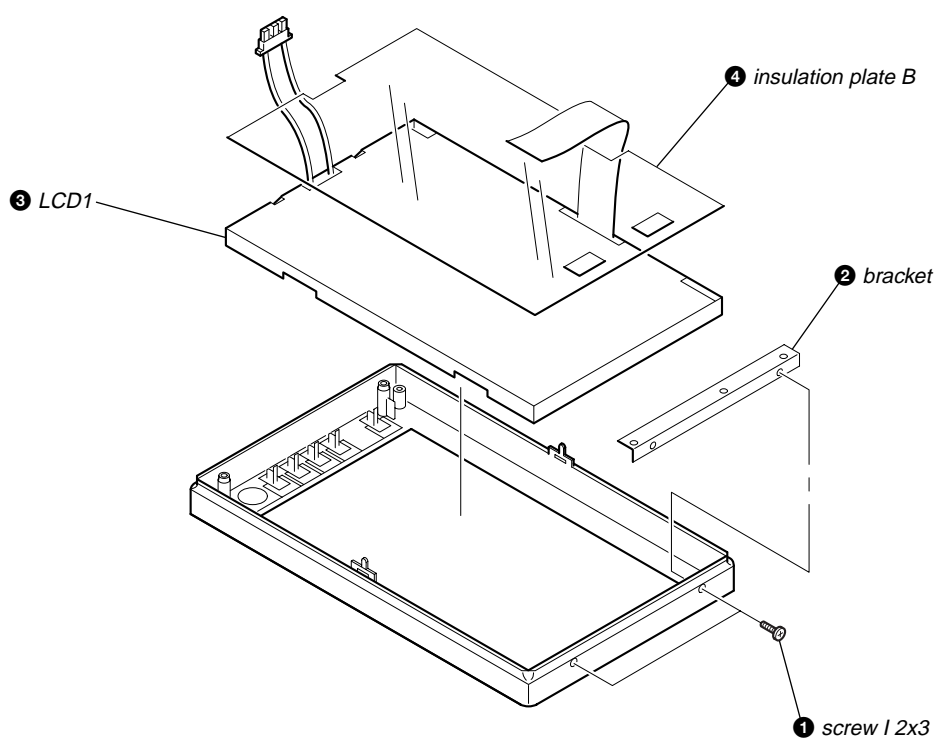
2-1. BOTTOM CABINET



2-2. DISPLAY BOARD



2-3. LIQUID CRYSTAL DISPLAY PANEL (LCD1)



SECTION 3 ELECTRICAL ADJUSTMENTS

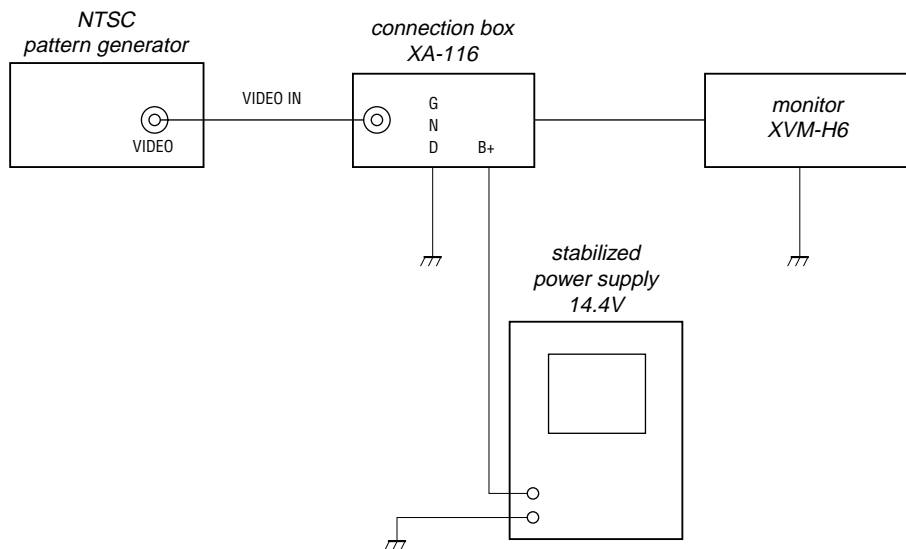
When measuring, the ground should be connected to the ground (frame of 15-pin connector connected to external device) in the monitor board unless otherwise specified.

3-1. EQUIPMENT USED

The following measuring equipment are used for these electrical adjustments:

- Oscilloscope
- NTSC pattern generator
- Stabilized power supply
- Digital voltmeter
- Frequency counter
- Connection box (XA-116)

3-2. CONNECTION OF EQUIPMENT



3-3. 5V ADJUSTMENT

1. Display gray scale on the monitor screen.
2. Connect digital voltmeter to the C320 position of L305.
3. Adjust VR+5 so that the reading on the voltmeter stands at the specified value.

Specified value: 5.00 ± 0.05 V

3-4. FREQUENCY ADJUSTMENT

This frequency adjustment on the DC-DC converter is only performed if there is switching noise mixed on the screen.

Adjust the semi-fixed resistor VFRQ to a position in which no noise appears on the screen.

3-5. PLL FREE RUN FREQUENCY ADJUSTMENT

1. Make the input signal no signal.
2. Connect frequency counter to pin 56 of IC U2.
3. Adjust the semi-fixed resistor VFREQ until the frequency is at 15895 ± 20 Hz.



3-6. BRIGHTNESS TEMPORARY LEVEL ADJUSTMENT

1. Display gray scale on the monitor screen.
2. Connect digital multimeter to pin 29 of IC U600.
3. Adjust the semi-fixed VBRI so that the reading on the digital voltmeter stands at the specified value.

Specified value: 20.6 ± 0.04 V

3-7. SHARPNESS ADJUSTMENT

1. Display gray scale on the monitor screen.
2. Connect digital voltmeter to pin 48 of IC U600.
3. Adjust the semi-fixed VPIC so that the reading on the voltmeter stands at the specified value.

Specified value: 25.9 ± 0.04 V

3-8. CONTRAST ADJUSTMENT

1. Display gray scale on the monitor screen.
2. Connect digital voltmeter to pin 2 of IC U600.
3. Adjust the semi-fixed VCNT so that the reading on the voltmeter stands at the specified value.

Specified value: 1.25 ± 0.04 V

3-9. COLOR ADJUSTMENT

1. Display gray scale on the monitor screen.
2. Connect digital voltmeter to pin 6 of IC U600.
3. Adjust the semi-fixed VCOL so that the reading on the voltmeter stands at the specified value.

Specified value: 2.58 ± 0.04 V

3-10. HUE ADJUSTMENT

1. Display gray scale on the monitor screen.
2. Connect digital voltmeter to pin 13 of IC U600.
3. Adjust the semi-fixed VTIN so that the reading on the voltmeter is at 3.18 ± 0.04 V.

3-11. γ 2 ADJUSTMENT

1. Display gray scale on the monitor screen.
2. Connect digital voltmeter to pin 26 of IC U600.
3. Adjust the semi-fixed resistor VGA2 so that the reading on the voltmeter is at 2.43 ± 0.04 V.

3-12. γ 0 ADJUSTMENT

1. Display gray scale on the monitor screen.
2. Connect digital voltmeter to pin 27 of IC U600.
3. Adjust the semi-fixed resistor VGA1 so that the reading on the voltmeter is at 1.40 ± 0.04 V.

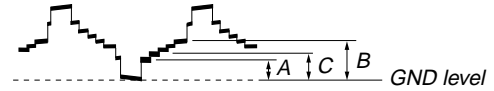
3-13. RGB GAIN (1) ADJUSTMENT

1. Display gray scale on the monitor screen.
2. Connect digital voltmeter to pin 28 of IC U600.
3. Adjust VRGB so that the reading on the voltmeter is at 2.05 ± 0.04 V.

3-14. RGB GAIN (2) ADJUSTMENT

1. Display 5-step gray scale on the monitor screen.
2. Connect oscilloscope to pin 21 of IC U600.
3. Adjust the semi-fixed resistor VRGB so that the level of the signal on the fifth step from the above stands at the specified value A.

Specified value A: 0.58 ± 0.04 V



4. Adjust the semi-fixed VGA1 so that the level of the signal on the first step from the above stands at the specified value B.

Specified value B: 3.25 ± 0.04 V

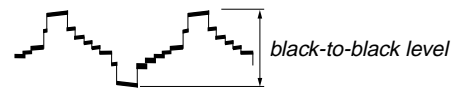
5. Adjust the semi-fixed VBRI so that the level of the signal on the fourth step from the above stands at the specified value C.

Specified value C: 1.47 ± 0.04 V

6. Repeat items 3 to 5 and adjust the levels of the signals on the fifth, first and fourth steps to their specified values.

3-15. B AND R LEVEL ADJUSTMENTS

1. Display 5-step gray scale on the monitor screen.
2. Connect oscilloscope to pin 21 specified as G_OUT of IC U600.
3. Measure the black-to-black level.
4. Connect oscilloscope to pin 24 specified as B_OUT of IC U600.
5. Adjust VSUB so that the back-to-black level is equal to the level measured in item 3.
6. Connect oscilloscope to pin 19 specified as R_OUT of IC U600.

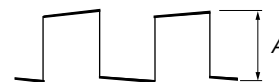


7. Adjust the semi-fixed resistor VSUR so that the back-to-black level is equal to the level measured in item 3.

3-16. VCOM AMP ADJUSTMENT

1. Display gray scale on the monitor screen.
2. Connect oscilloscope to the Q701 emitter.
3. Adjust the semi-fixed resistor VCOM until the level A of the output waveform stand at the specified value.

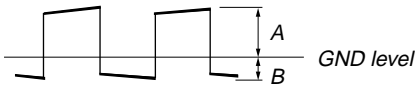
Specified value: 5.83 ± 0.04 V



3-17. VCOM BIAS ADJUSTMENT

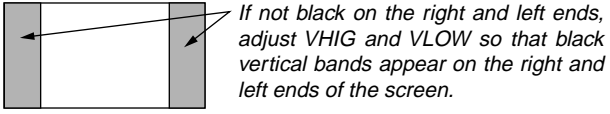
- 1. Display gray scale on the monitor screen.
- 2. Connect oscilloscope to the Q703 No. 2.
- 3. Adjust the semi-fixed resistor VCDC until the levels A and B of the output waveform stand at their respective specified values.

Specified value: A: 4.40 ± 0.04 V
B: 1.43 ± 0.04 V

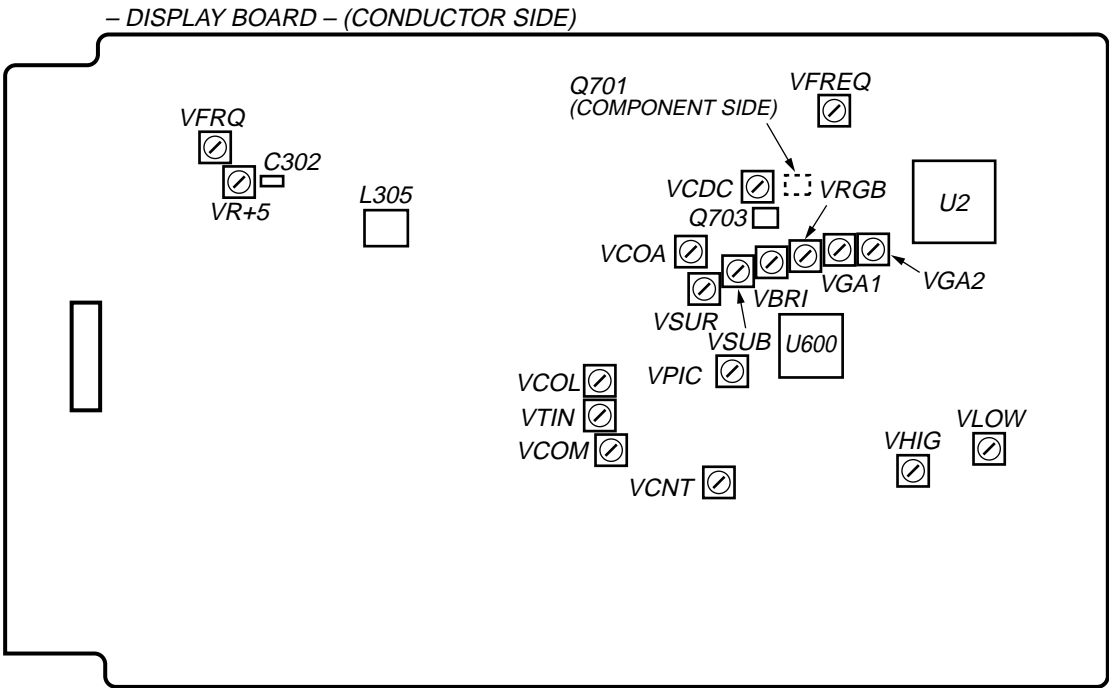


3-18. BLANK LEVEL ADJUSTMENT

- 1. Display gray scale on the monitor screen. Set the screen to the Normal mode.

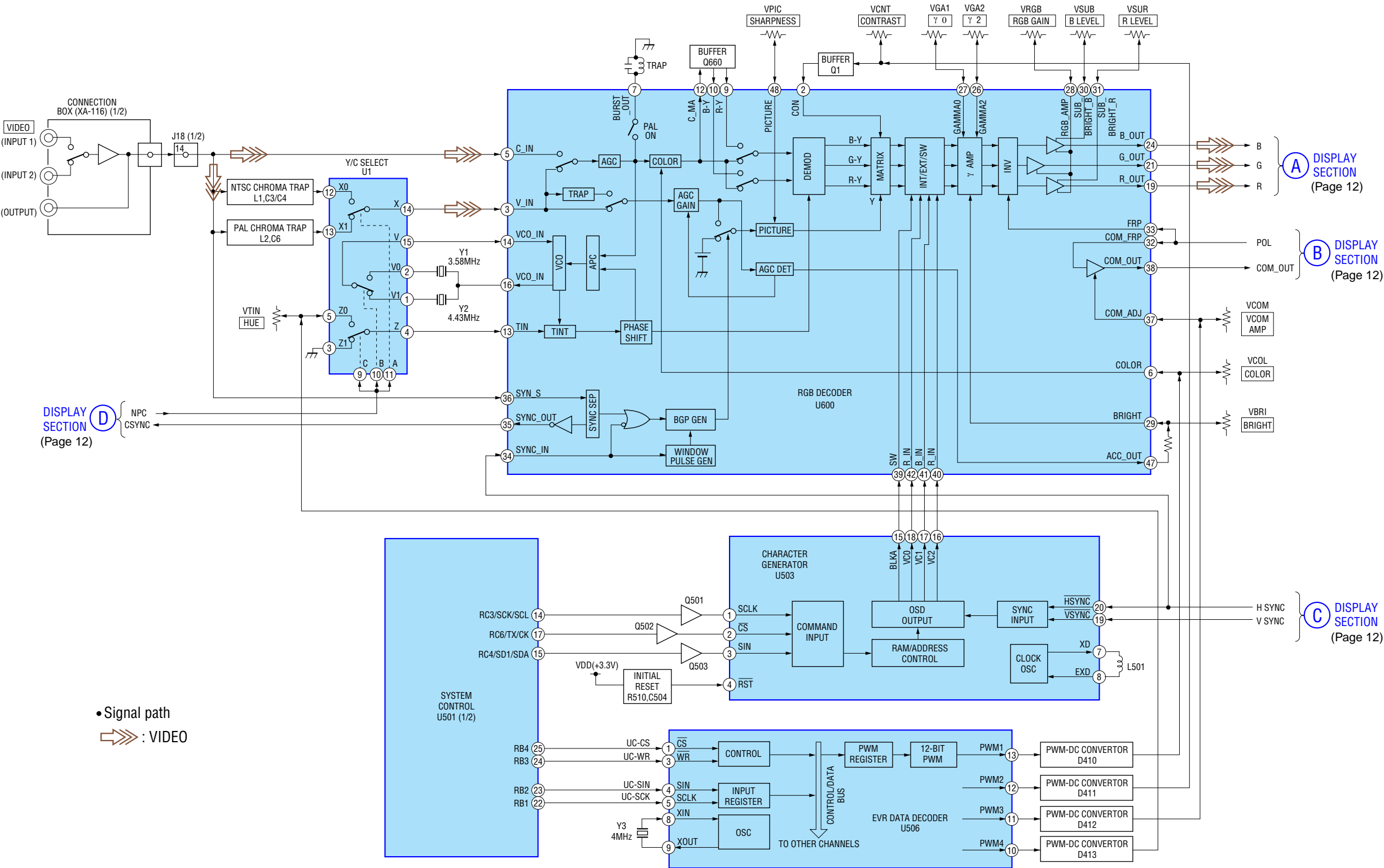


Adjustment Location:

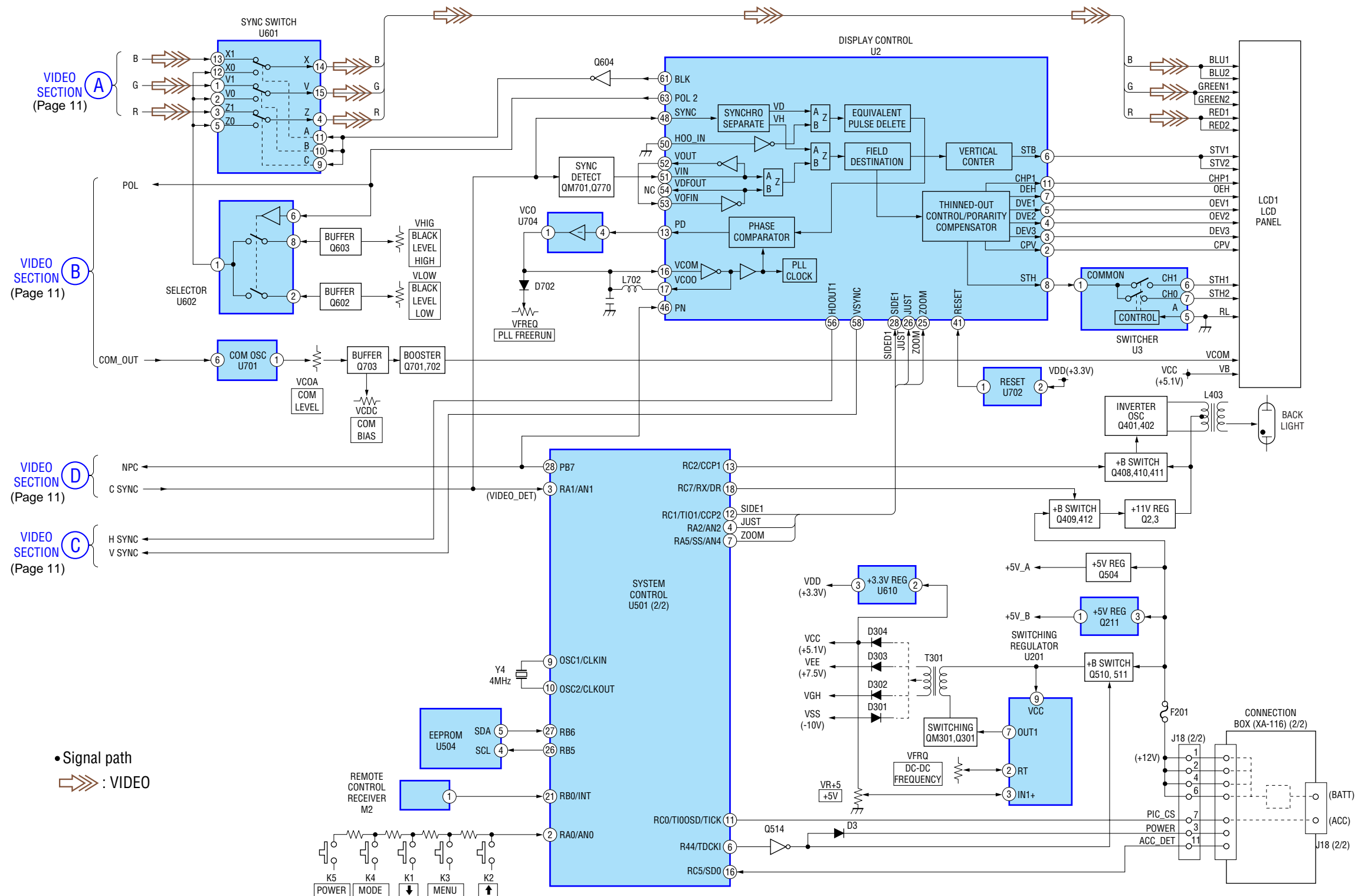


SECTION 4
DIAGRAMS

4-1. BLOCK DIAGRAM — VIDEO SECTION —



4-2. BLOCK DIAGRAM — DISPLAY SECTION —



THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

for schematic diagram:

- All capacitors are in μF unless otherwise noted. pF: μpF
- 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
- % : indicates tolerance.
- Δ : internal component.
- : panel designation.

Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

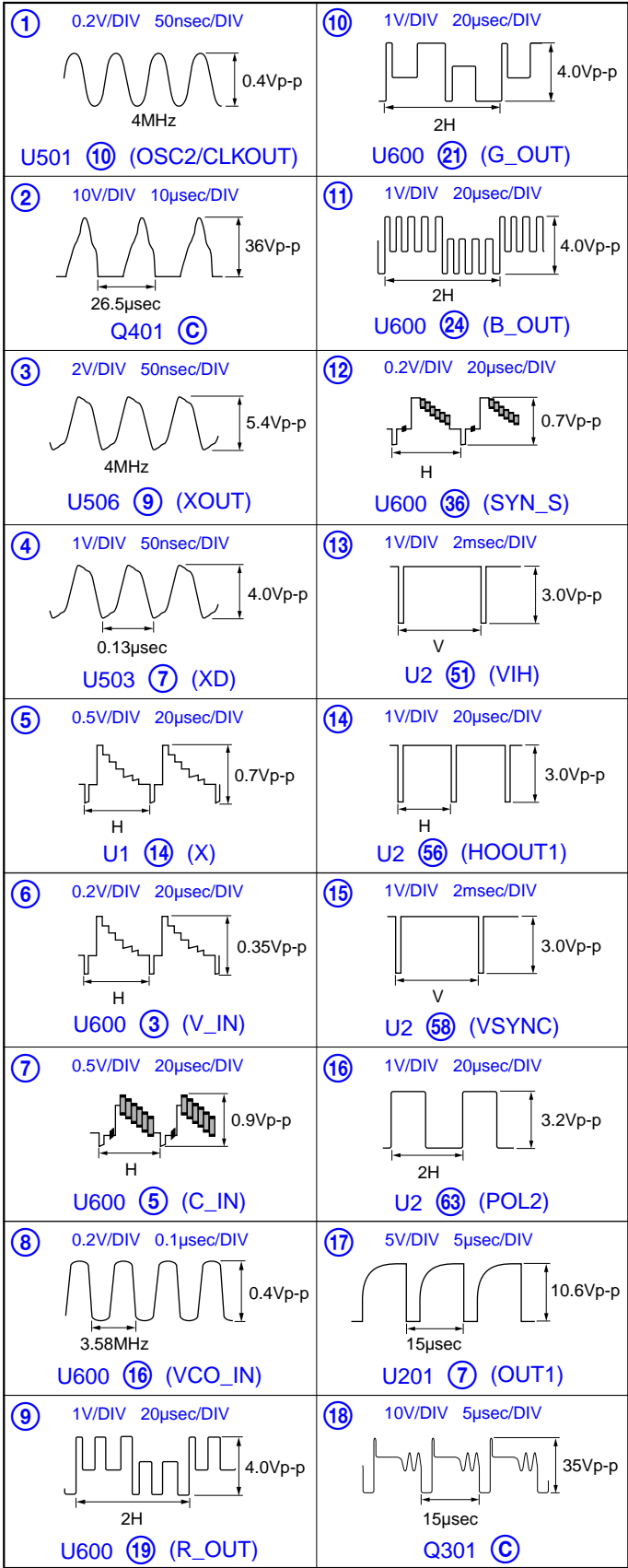
- — : B+ Line.
- --- : B- Line.
- □ : adjustment for repair.
- J18 of XVM-H6D is connected to Connection Box with a monitor cable.
Power voltage is dc 14.4 V from ACC cord of the Connection Box and fed with regulated dc power supply.
- J18 of XVM-H6D is connected to Connection Box with a monitor cable.
Voltage and waveforms are measured at input the color bar signal from the Connection Box.
- Voltages are taken with a VOM (Input impedance 10 M Ω).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
⇒ : VIDEO

for printed wiring boards:

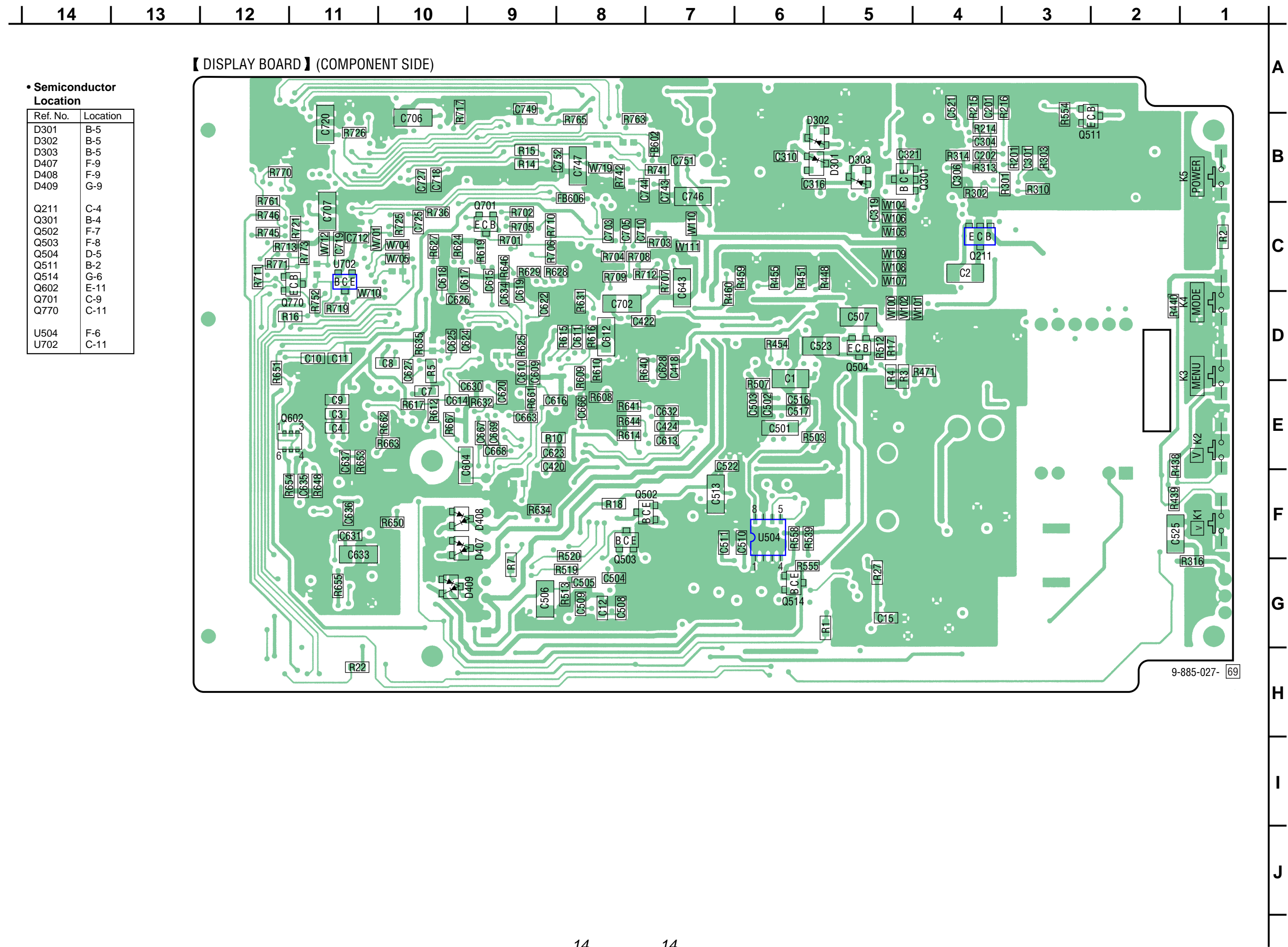
- : parts extracted from the component side.
- : parts extracted from the conductor side.
- : Pattern from the side which enables seeing.

Caution:
Pattern face side: Parts on the pattern face side seen from the (Side B) pattern face are indicated.
Parts face side: Parts on the parts face side seen from the (Side A) parts face are indicated.

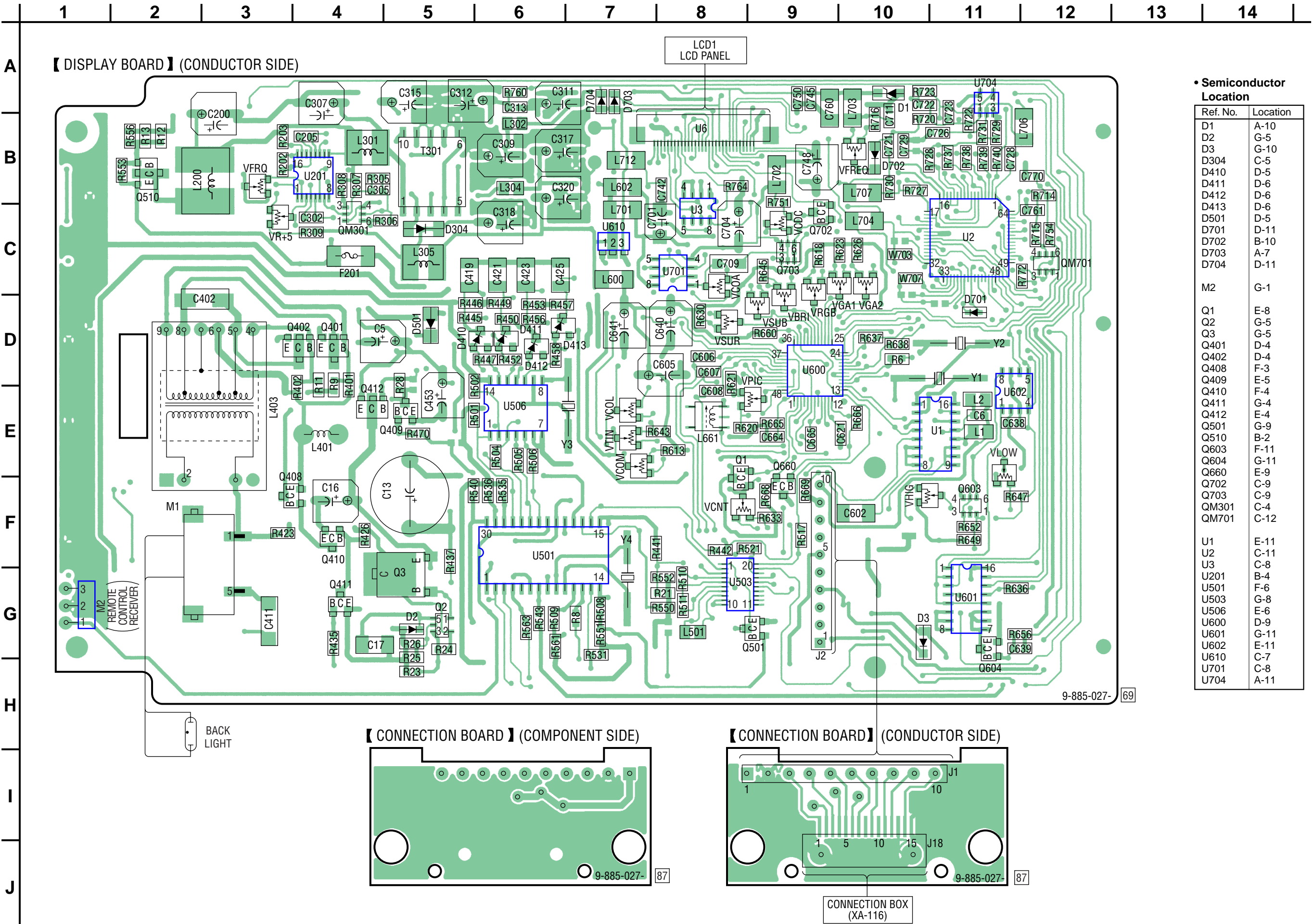
• Waveforms (DISPLAY Board)



4-3. PRINTED WIRING BOARD — DISPLAY SECTION (1/2) — • Refer to page 13 for Common Note on Printed Wiring Boards.



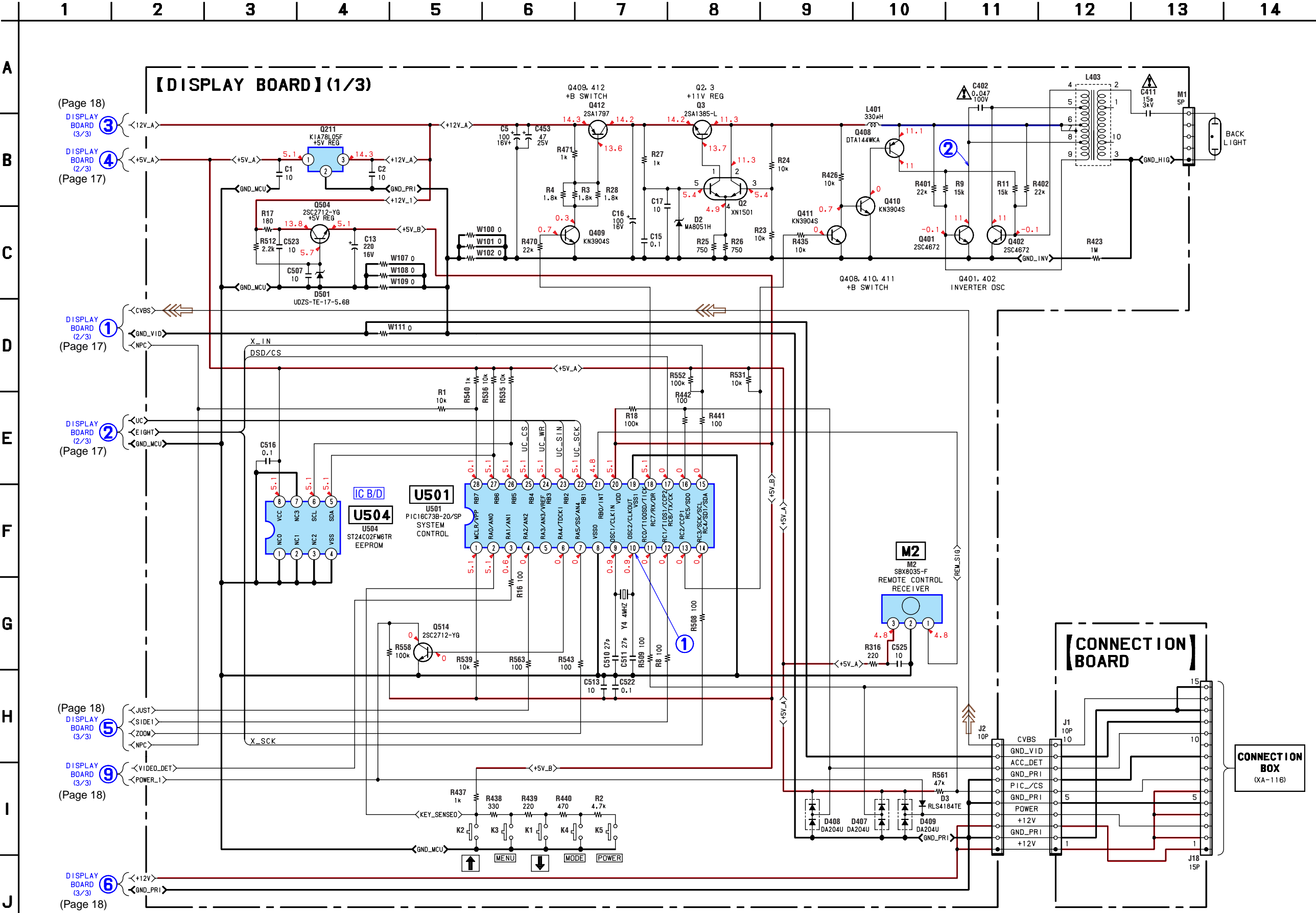
4-4. PRINTED WIRING BOARD — DISPLAY SECTION (2/2) — • Refer to page 13 for Common Note on Printed Wiring Boards.



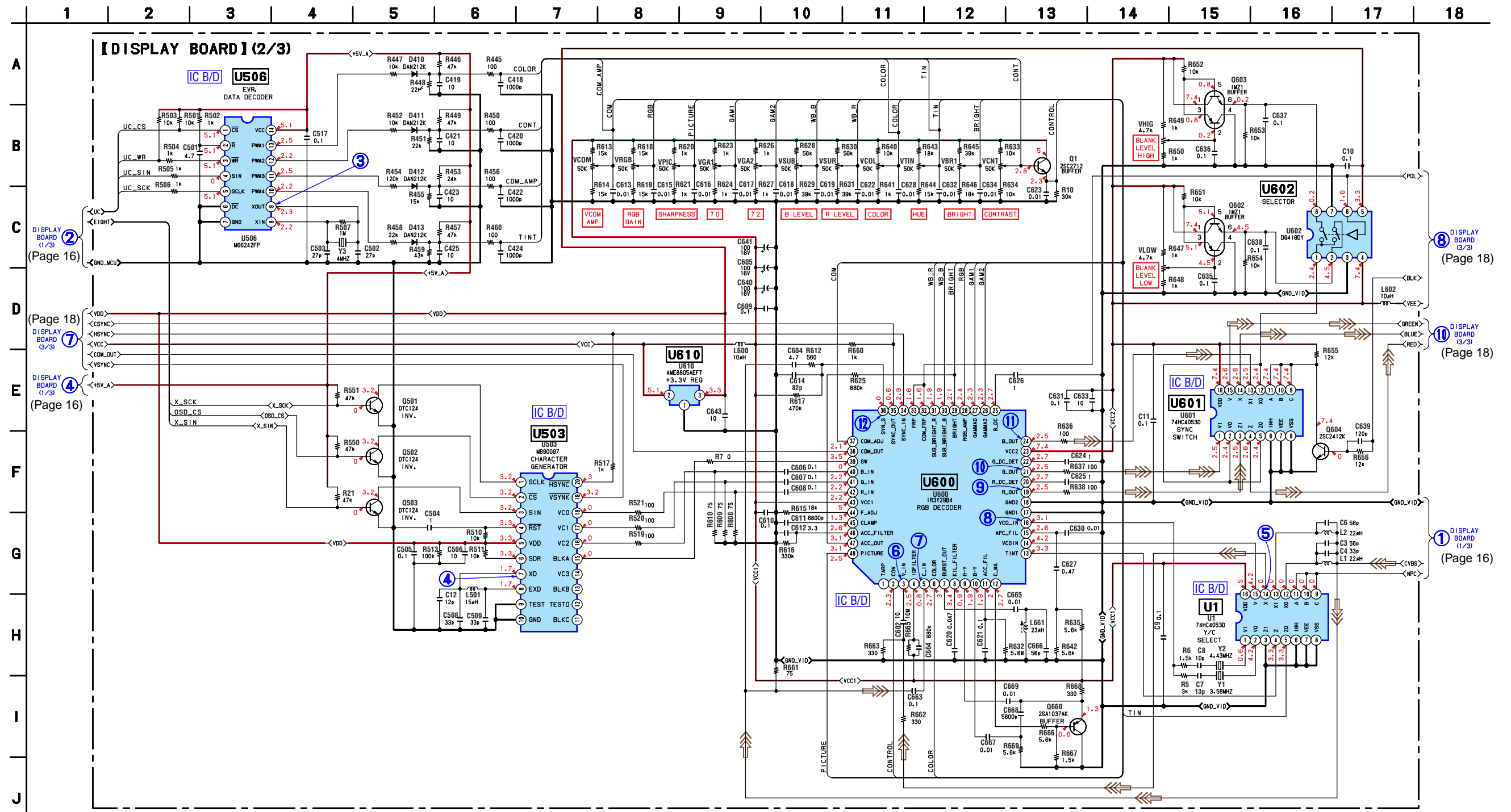
• Semiconductor Location

Ref. No.	Location
D1	A-10
D2	G-5
D3	G-10
D304	C-5
D410	D-5
D411	D-6
D412	D-6
D413	D-6
D501	D-5
D701	D-11
D702	B-10
D703	A-7
D704	D-11
M2	G-1
Q1	E-8
Q2	G-5
Q3	G-5
Q401	D-4
Q402	D-4
Q408	F-3
Q409	E-5
Q410	F-4
Q411	G-4
Q412	E-4
Q501	G-9
Q510	B-2
Q603	F-11
Q604	G-11
Q660	E-9
Q702	C-9
Q703	C-9
QM301	C-4
QM701	C-12
U1	E-11
U2	C-11
U3	C-8
U201	B-4
U501	F-6
U503	G-8
U506	E-6
U600	D-9
U601	G-11
U602	E-11
U610	C-7
U701	C-8
U704	A-11

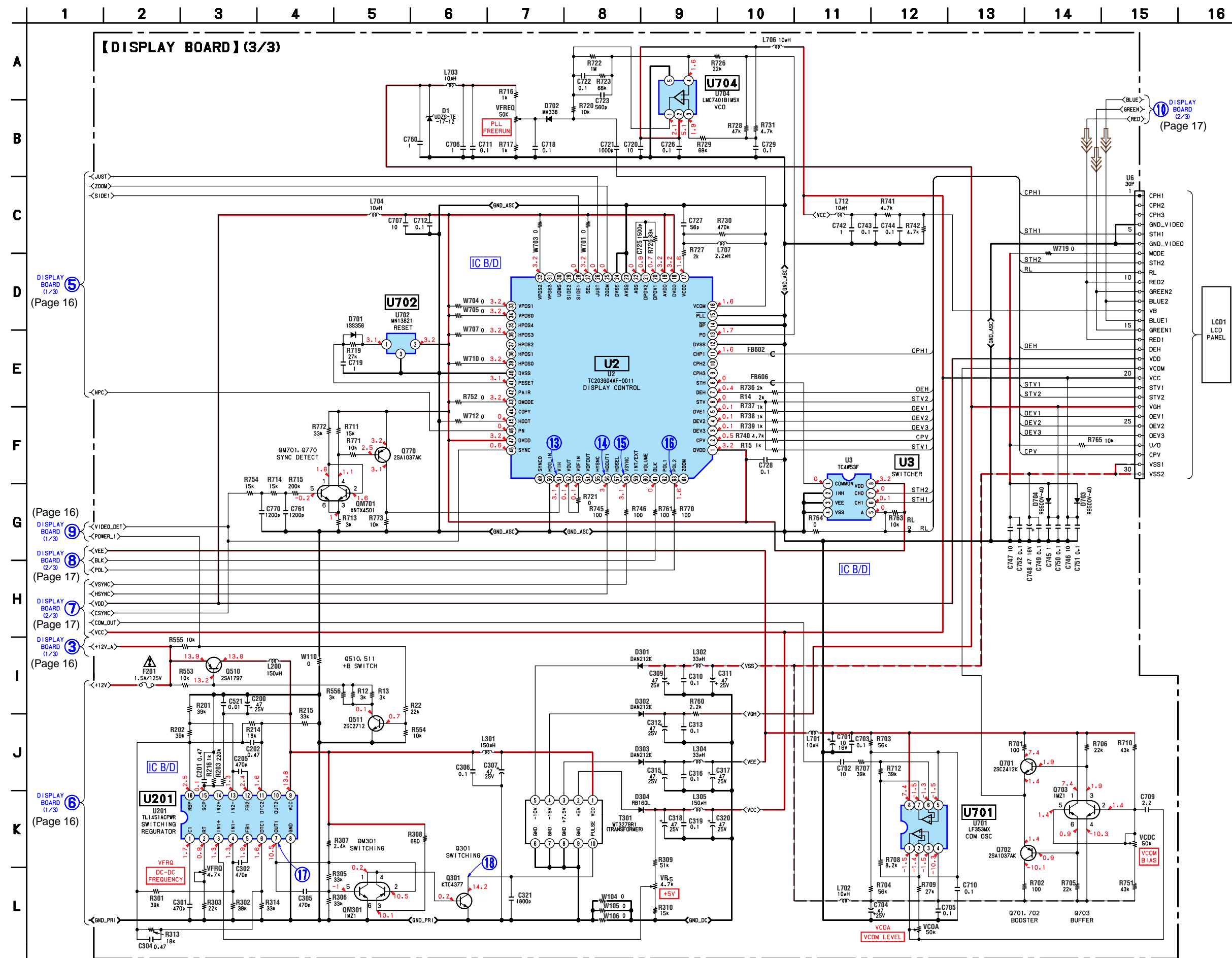
4-5. SCHEMATIC DIAGRAM — DISPLAY SECTION (1/3) — • Refer to page 13 for Waveforms and Common Note on Schematic Diagram and page 19 for IC Block Diagrams.




4-6. SCHEMATIC DIAGRAM — DISPLAY SECTION (2/3) — • Refer to page 13 for Waveforms and Common Note on Schematic Diagram and page 19 for IC Block Diagrams.



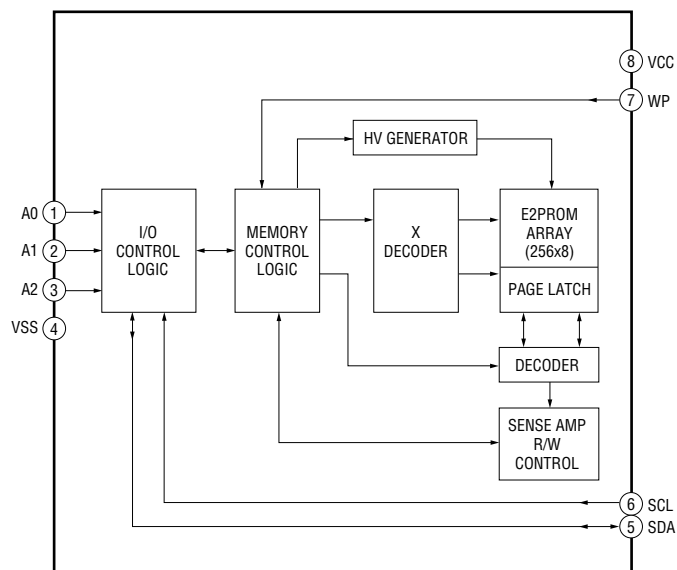
4-7. SCHEMATIC DIAGRAM — DISPLAY SECTION (3/3) — • Refer to page 13 for Waveforms and Common Note on Schematic Diagram and page 19 for IC Block Diagrams.



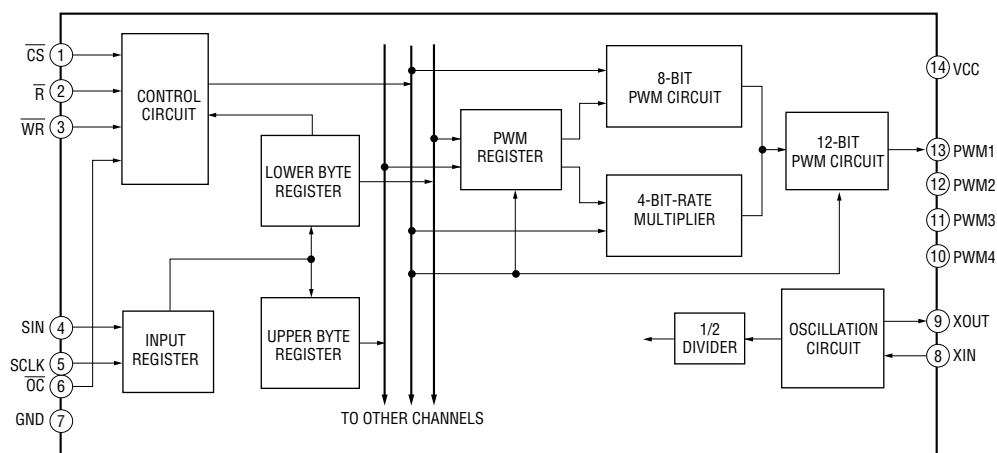
Note: The components identified by mark or dotted line with mark  are critical for safety.
Replace only with part number specified.

4-8. IC BLOCK DIAGRAMS

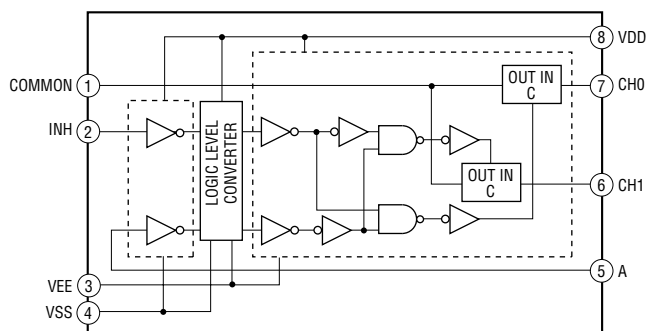
U504 ST24C02FM6TR



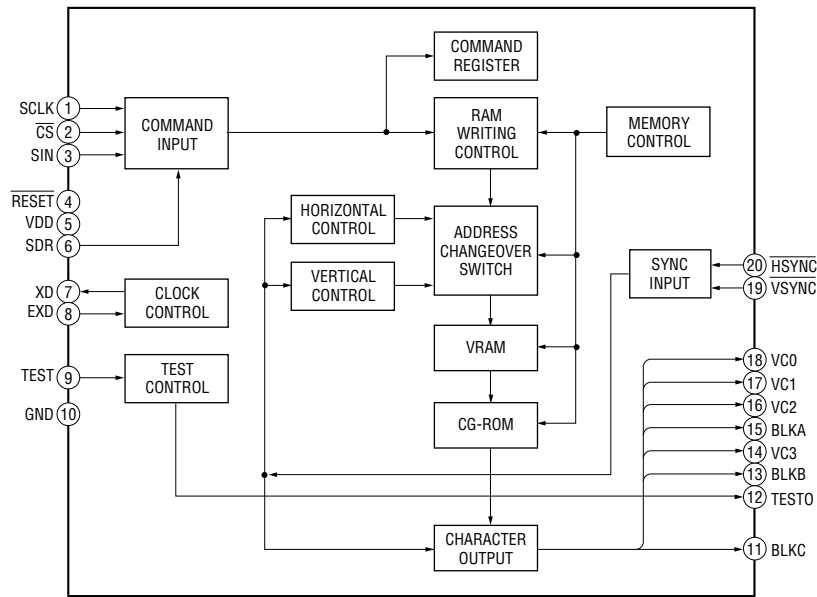
U506 M66242FP



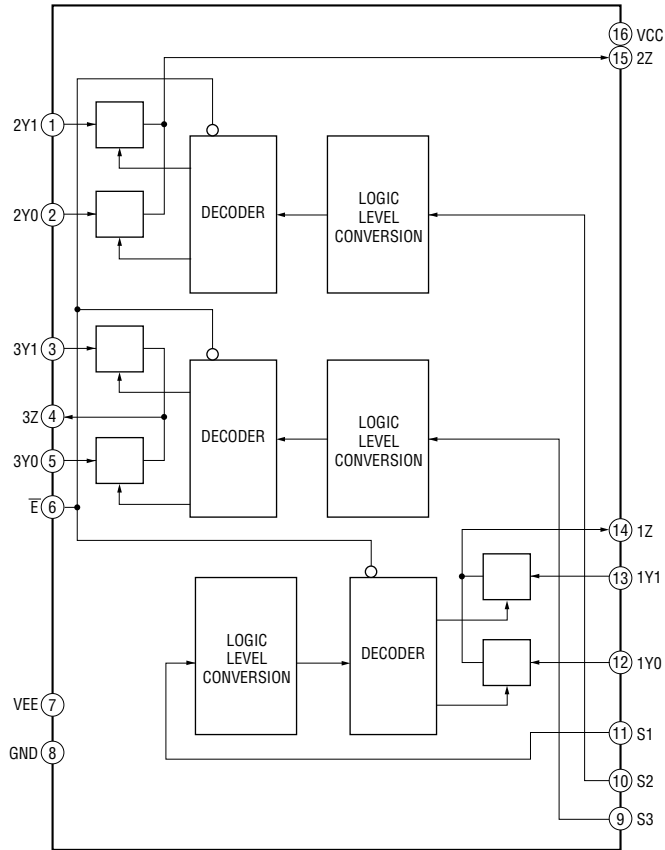
U3 TC4W53F



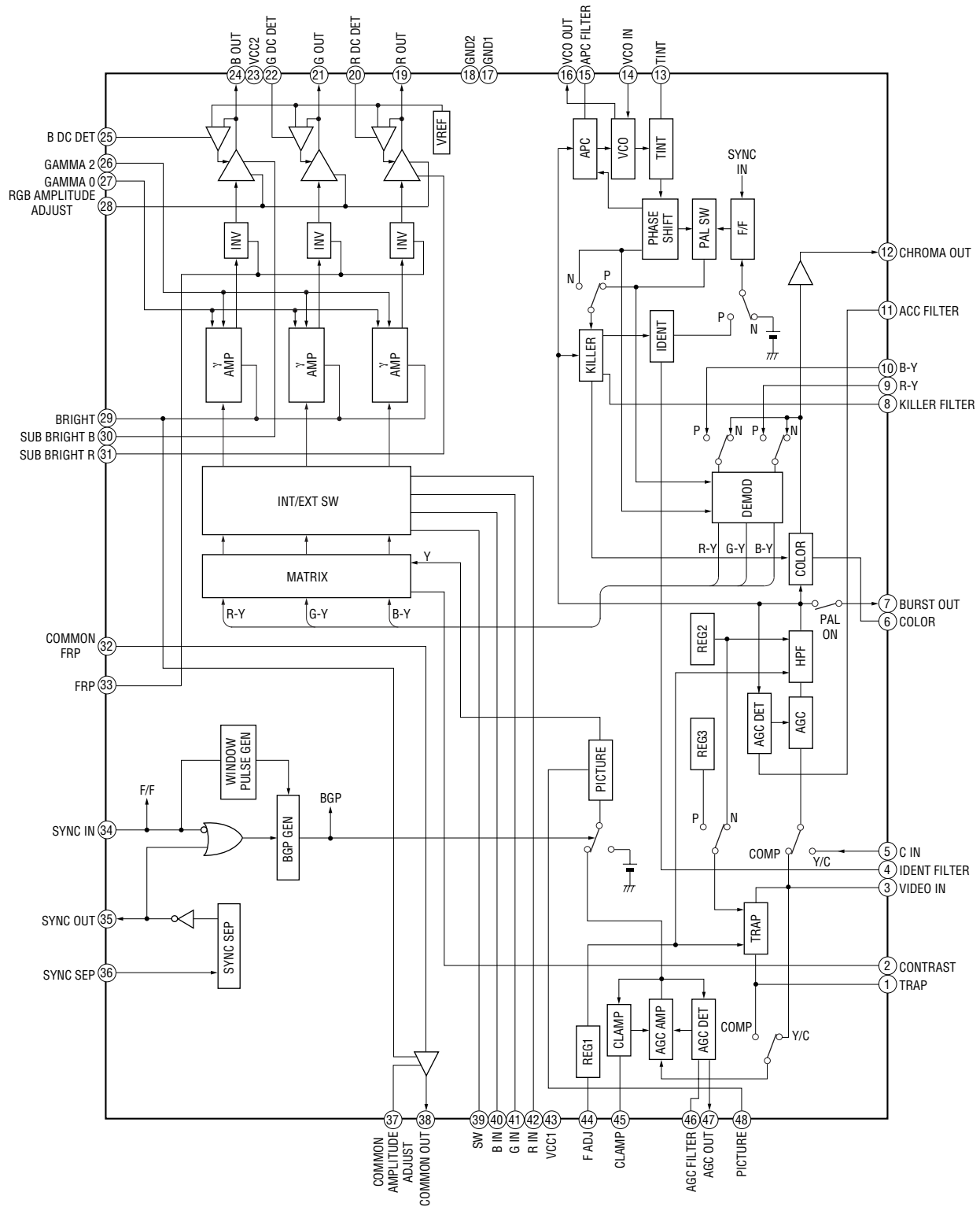
U503 MB90097



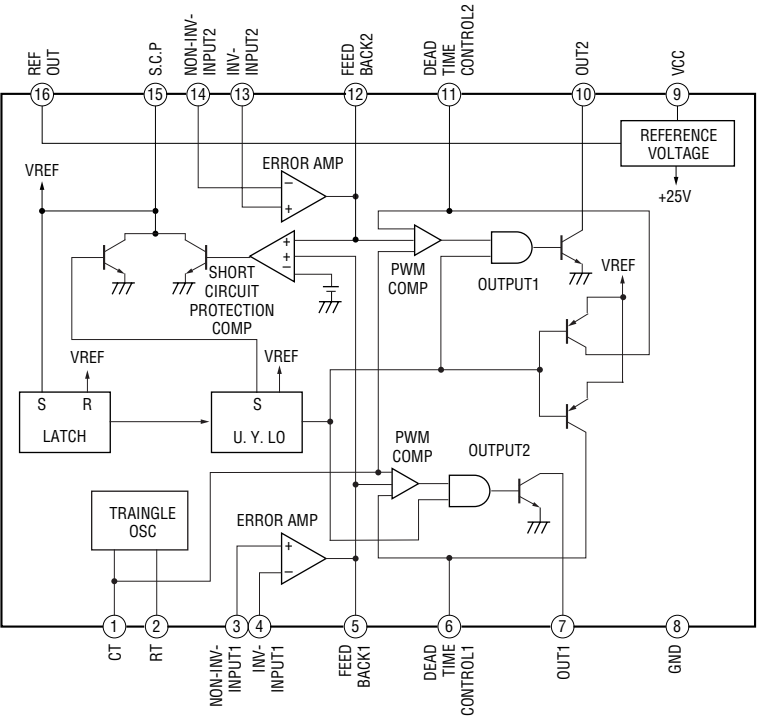
U1, 601 74HC4053D



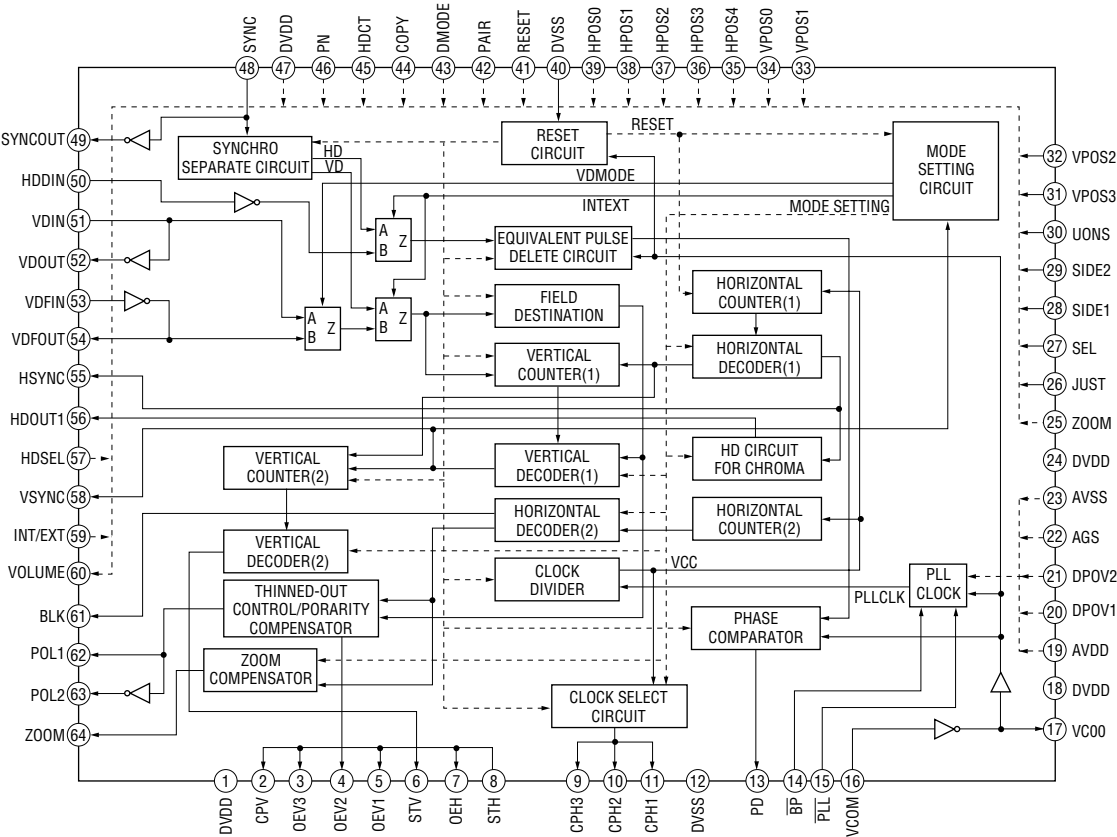
U600 IR3Y29B4



U201 TL1451ACPWR



U2 TC203G04AF-0011



SECTION 5

EXPLODED VIEW



NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX and -X mean standardized parts, so they may have some difference from the original one.

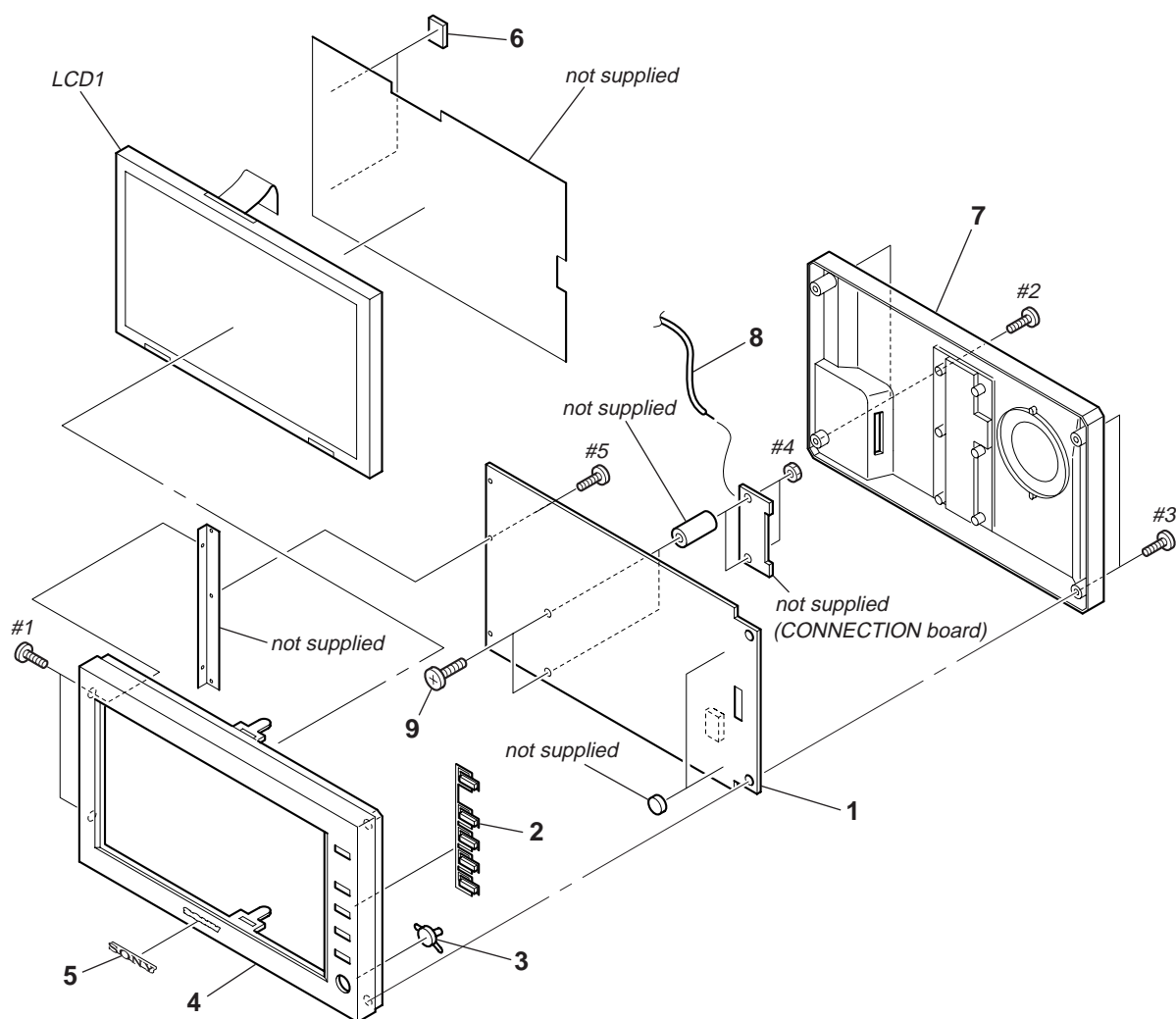
- Color Indication of Appearance Parts
Example :
KNOB, BALANCE (WHITE) ... (RED)

↑
Parts Color

↑
Cabinet's Color
- Accessories are given in the last of this parts list.

The components identified by mark  or dotted line with mark  are critical for safety.
Replace only with part number specified.

5-1. MAIN SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	9-885-027-69	DISPLAY BOARD, COMPLETE		9	9-885-027-84	SCREW I3X14 NI	
2	9-885-027-73	KNOB, PUSH		LCD1	9-885-027-83	DISPLAY PANEL, LIQUID CRYSTAL (TFT)	
3	9-885-027-74	WINDOW (IR REC)				(5.8in. WIDE)	
4	9-885-027-71	CABINET, TOP		#1	7-627-452-17	SCREW I2X3 NI	
5	4-942-636-21	EMBLEM, SONY		#2	7-627-553-67	SCREW P2X5 NB	
				#3	7-685-104-21	SCREW TAPPING P2X6 NB	
6	9-885-027-82	CUSHION					
7	9-885-027-72	CABINET, BOTTOM		#4	7-684-023-04	NUT M3X6	
8	9-885-027-86	WIRE, LEAD		#5	7-627-553-38	SCREW B2X3 BN	

CONNECTION

DISPLAY

SECTION 6
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
 - -XX and -X mean standardized parts, so they may have some difference from the original one.
 - RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
 - SEMICONDUCTORS
In each case, u : μ , for example:
uA.. : μ A.. uPA.. : μ PA..
uPB.. : μ PB.. uPC.. : μ PC.. uPD.. : μ PD..
 - CAPACITORS
uF : μ F
 - COILS
uH : μ H

The components identified by mark Δ or dotted line with mark. Δ are critical for safety.
Replace only with part number specified.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
		CONNECTION BOARD	*****										
		< CONNECTOR >											
J18	9-885-026-80	CONNECTOR 15P	*****										
	9-885-027-69	DISPLAY BOARD, COMPLETE	*****										
		< CAPACITOR >											
C1	1-135-960-11	CERAMIC CHIP	10uF	10%	25V		C318	1-128-992-11	ELECT	47uF	20%	25V	
C2	1-135-960-11	CERAMIC CHIP	10uF	10%	25V		C319	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C3	1-162-924-11	CERAMIC CHIP	56PF	5%	50V		C320	1-128-992-11	ELECT	47uF	20%	25V	
C4	1-162-921-11	CERAMIC CHIP	33PF	5%	50V		C321	1-162-977-11	CERAMIC CHIP	0.0018uF	10%	50V	
C5	1-117-681-11	ELECT	100uF	20%	16V		Δ C402	9-885-027-90	CAPACITOR	0.047uF		100V	
C6	1-162-924-11	CERAMIC CHIP	56PF	5%	50V		Δ C411	9-885-027-91	CAPACITOR	15PF		3KV	
C7	1-164-377-11	CERAMIC CHIP	13PF	5%	50V		C418	1-162-964-21	CERAMIC CHIP	0.001uF	5%	50V	
C8	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V		C419	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	
C9	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C420	1-162-964-21	CERAMIC CHIP	0.001uF	5%	50V	
C10	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C421	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	
C11	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C422	1-162-964-21	CERAMIC CHIP	0.001uF	5%	50V	
C12	1-162-916-11	CERAMIC CHIP	12PF	5%	50V		C423	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	
C13	1-104-653-11	ELECT	220uF	20%	16V		C424	1-162-964-21	CERAMIC CHIP	0.001uF	5%	50V	
C15	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C425	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	
C16	1-117-681-11	ELECT	100uF	20%	16V		C453	1-128-992-11	ELECT	47uF	20%	25V	
C17	1-135-960-11	CERAMIC CHIP	10uF	10%	25V		C501	1-127-820-11	CERAMIC CHIP	4.7uF		16V	
C200	1-128-992-11	ELECT	47uF	20%	25V		C502	1-162-920-11	CERAMIC CHIP	27PF	5%	50V	
C201	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V		C503	1-162-920-11	CERAMIC CHIP	27PF	5%	50V	
C202	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V		C504	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C205	1-164-315-11	CERAMIC CHIP	470PF	5%	50V		C505	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C301	1-164-315-11	CERAMIC CHIP	470PF	5%	50V		C506	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	
C302	1-164-315-11	CERAMIC CHIP	470PF	5%	50V		C507	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	
C304	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V		C508	1-162-921-11	CERAMIC CHIP	33PF	5%	50V	
C305	1-164-315-11	CERAMIC CHIP	470PF	5%	50V		C509	1-162-921-11	CERAMIC CHIP	33PF	5%	50V	
C306	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C510	1-162-920-11	CERAMIC CHIP	27PF	5%	50V	
C307	1-128-992-11	ELECT	47uF	20%	25V		C511	1-162-920-11	CERAMIC CHIP	27PF	5%	50V	
C309	1-128-992-11	ELECT	47uF	20%	25V		C513	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	
C310	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C516	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C311	1-128-992-11	ELECT	47uF	20%	25V		C517	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C312	1-128-992-11	ELECT	47uF	20%	25V		C521	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	
C313	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C522	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C315	1-128-992-11	ELECT	47uF	20%	25V		C523	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	
C316	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C525	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	
C317	1-128-992-11	ELECT	47uF	20%	25V		C602	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	
							C604	1-127-820-11	CERAMIC CHIP	4.7uF		16V	
							C605	1-117-681-11	ELECT	100uF	20%	16V	
							C606	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C607	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C608	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C609	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C610	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C611	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V	
							C612	9-885-026-94	CERAMIC CHIP	3.3uF		35V	
							C613	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	
							C614	1-115-414-11	CERAMIC CHIP	820PF	5%	25V	

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C615	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	C744	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C616	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	C745	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C617	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	C746	1-135-960-11	CERAMIC CHIP	10uF	10%	25V
C618	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	C747	1-135-960-11	CERAMIC CHIP	10uF	10%	25V
C619	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	C748	1-117-681-11	ELECT	100uF	20%	16V
C620	1-165-176-11	CERAMIC CHIP	0.0047uF	10%	16V	C749	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C621	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C750	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C622	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	C751	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C623	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	C752	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C624	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C760	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C625	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C761	1-164-730-11	CERAMIC CHIP	0.0012uF	10%	50V
C626	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C770	1-164-730-11	CERAMIC CHIP	0.0012uF	10%	50V
C627	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V	< DIODE >					
C628	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	D1	8-719-083-82	DIODE	UDZS-TE-17-12B		
C630	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	D2	9-885-026-30	DIODE	MA8051H		
C631	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	D3	6-500-086-01	DIODE	RLS4148TE-11		
C632	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	D301	8-719-989-26	DIODE	DAN212K		
C633	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	D302	8-719-989-26	DIODE	DAN212K		
C634	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	D303	8-719-989-26	DIODE	DAN212K		
C635	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	D304	8-719-048-98	DIODE	RB160L-40TE-25		
C636	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	D407	8-719-941-23	DIODE	DA204U		
C637	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	D408	8-719-941-23	DIODE	DA204U		
C638	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	D409	8-719-941-23	DIODE	DA204U		
C639	1-162-928-11	CERAMIC CHIP	120PF	5%	50V	D410	8-719-989-26	DIODE	DAN212K		
C640	1-117-681-11	ELECT	100uF	20%	16V	D411	8-719-989-26	DIODE	DAN212K		
C641	1-117-681-11	ELECT	100uF	20%	16V	D412	8-719-989-26	DIODE	DAN212K		
C643	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	D413	8-719-989-26	DIODE	DAN212K		
C663	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	D501	8-719-069-55	DIODE	UDZS-TE-17-5.6B		
C664	1-164-471-11	CERAMIC CHIP	680PF	5%	50V	D701	8-719-044-76	DIODE	1SS356-TW11		
C665	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	D702	8-719-052-13	DIODE	MA338-(TX).SO		
C666	1-162-924-11	CERAMIC CHIP	56PF	5%	50V	D703	9-885-027-92	DIODE	RB500V-40		
C667	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	D704	9-885-027-92	DIODE	RB500V-40		
C668	1-165-172-21	CERAMIC CHIP	0.0056uF	5%	25V	< FUSE >					
C669	1-162-970-21	CERAMIC CHIP	0.01uF	5%	25V	△F201	1-533-998-11	FUSE (1A/125V)			
C701	1-126-197-11	ELECT	10uF	20%	50V	< FERRITE BEAD >					
C702	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	FB602	9-885-026-32	INDUCTOR, FERRITE BEAD			
C703	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	FB606	9-885-026-32	INDUCTOR, FERRITE BEAD			
C704	1-128-992-11	ELECT	47uF	20%	25V	< SWITCH >					
C705	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	K1	9-885-027-94	SWITCH, TACTILE (↓)			
C706	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	K2	9-885-027-94	SWITCH, TACTILE (↑)			
C707	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	K3	9-885-027-94	SWITCH, TACTILE (MENU)			
C709	1-127-861-11	CERAMIC CHIP	2.2uF	10%	16V	K4	9-885-027-94	SWITCH, TACTILE (MODE)			
C710	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	K5	9-885-027-94	SWITCH, TACTILE (POWER)			
C711	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	< COIL >					
C712	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	L1	1-410-385-11	INDUCTOR CHIP	22uH		
C718	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	L2	1-410-385-11	INDUCTOR CHIP	22uH		
C719	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	L200	9-885-026-36	INDUCTOR CHIP	150uH		
C720	1-135-960-11	CERAMIC CHIP	10uF	10%	25V	L301	9-885-026-33	INDUCTOR CHIP	150uH		
C721	1-162-964-21	CERAMIC CHIP	0.001uF	5%	50V	L302	1-410-387-11	INDUCTOR CHIP	33uH		
C722	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	L304	1-410-387-11	INDUCTOR CHIP	33uH		
C723	1-164-739-11	CERAMIC CHIP	560PF	5%	50V	L305	9-885-026-33	INDUCTOR CHIP	150uH		
C725	1-162-965-21	CERAMIC CHIP	0.0015uF	5%	50V	L401	9-885-027-95	INDUCTOR	330uH		
C726	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	L403	9-885-027-96	TRANSFORMER, AC/AC			
C727	1-162-924-11	CERAMIC CHIP	56PF	5%	50V						
C728	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C729	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C742	1-165-908-11	CERAMIC CHIP	1uF	10%	10V						
C743	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						

The components identified by mark △ or dotted line with mark. △ are critical for safety. Replace only with part number specified.

DISPLAY

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
L501	1-410-383-31	INDUCTOR CHIP 15uH				R8	1-216-809-11	METAL CHIP 100	5%	1/10W	
L600	1-410-381-11	INDUCTOR CHIP 10uH				R9	1-216-835-11	METAL CHIP 15K	5%	1/10W	
L602	1-410-381-11	INDUCTOR CHIP 10uH				R10	1-218-727-11	METAL CHIP 30K	5%	1/10W	
L661	9-885-026-38	COIL, VARIABLE 23uH				R11	1-216-835-11	METAL CHIP 15K	5%	1/10W	
L701	1-410-381-11	INDUCTOR CHIP 10uH				R12	1-216-865-11	METAL CHIP 3K	5%	1/10W	
L702	1-410-381-11	INDUCTOR CHIP 10uH				R13	1-216-865-11	METAL CHIP 3K	5%	1/10W	
L703	1-410-381-11	INDUCTOR CHIP 10uH				R14	1-218-271-11	METAL CHIP 2K	5%	1/10W	
L704	1-410-381-11	INDUCTOR CHIP 10uH				R15	1-216-821-11	METAL CHIP 1K	5%	1/10W	
L706	1-410-381-11	INDUCTOR CHIP 10uH				R16	1-216-809-11	METAL CHIP 100	5%	1/10W	
L707	1-410-375-11	INDUCTOR CHIP 2.2uH				R17	1-216-812-11	METAL CHIP 180	5%	1/10W	
L712	1-410-381-11	INDUCTOR CHIP 10uH				R18	1-216-845-11	METAL CHIP 100K	5%	1/10W	
		< CONNECTOR >				R21	1-216-841-11	METAL CHIP 47K	5%	1/10W	
						R22	1-216-837-11	METAL CHIP 22K	5%	1/10W	
M1	9-885-026-49	CONNECTOR 5P				R23	1-216-833-11	METAL CHIP 10K	5%	1/10W	
		< IC >				R24	1-216-833-11	METAL CHIP 10K	5%	1/10W	
						R25	1-218-484-11	METAL CHIP 750	5%	1/10W	
M2	9-885-027-97	INFRARED SBX8035-F				R26	1-218-484-11	METAL CHIP 750	5%	1/10W	
						R27	1-216-821-11	METAL CHIP 1K	5%	1/10W	
		< TRANSISTOR >				R28	1-216-824-11	METAL CHIP 1.8K	5%	1/10W	
						R201	1-216-840-11	METAL CHIP 39K	5%	1/10W	
Q1	8-729-230-49	TRANSISTOR 2SC2712-YG				R202	1-216-840-11	METAL CHIP 39K	5%	1/10W	
Q2	8-729-402-13	TRANSISTOR XN1501				R203	1-216-849-11	METAL CHIP 220K	5%	1/10W	
Q3	8-729-105-29	TRANSISTOR 2SA1385-L				R214	1-216-836-11	METAL CHIP 18K	5%	1/10W	
Q211	9-885-026-77	IC KIA78L05F				R215	1-216-839-11	METAL CHIP 33K	5%	1/10W	
Q301	9-885-027-98	TRANSISTOR KTC4377				R216	1-216-821-11	METAL CHIP 1K	5%	1/10W	
Q401	8-729-032-34	TRANSISTOR 2SC4672-T101-Q				R301	1-216-840-11	METAL CHIP 39K	5%	1/10W	
Q402	8-729-032-34	TRANSISTOR 2SC4672-T101-Q				R302	1-216-840-11	METAL CHIP 39K	5%	1/10W	
Q408	8-729-027-38	TRANSISTOR DTA144EKA-T146				R303	1-216-837-11	METAL CHIP 22K	5%	1/10W	
Q409	9-885-026-76	TRANSISTOR KN3904S				R305	1-216-839-11	METAL CHIP 33K	5%	1/10W	
Q410	9-885-026-76	TRANSISTOR KN3904S				R306	1-216-839-11	METAL CHIP 33K	5%	1/10W	
Q411	9-885-026-76	TRANSISTOR KN3904S				R307	1-218-701-11	METAL CHIP 2.4K	5%	1/10W	
Q412	8-729-926-67	TRANSISTOR 2SA1797P				R308	1-216-819-11	METAL CHIP 680	5%	1/10W	
Q501	8-729-901-00	TRANSISTOR DTC124EKA				R309	1-218-331-11	METAL CHIP 51K	5%	1/10W	
Q502	8-729-901-00	TRANSISTOR DTC124EKA				R310	1-216-835-11	METAL CHIP 15K	5%	1/10W	
Q503	8-729-901-00	TRANSISTOR DTC124EKA				R313	1-216-836-11	METAL CHIP 18K	5%	1/10W	
Q504	8-729-230-49	TRANSISTOR 2SC2712-YG				R314	1-216-839-11	METAL CHIP 33K	5%	1/10W	
Q510	8-729-926-67	TRANSISTOR 2SA1797P				R316	1-216-813-11	METAL CHIP 220	5%	1/10W	
Q511	8-729-230-49	TRANSISTOR 2SC2712-YG				R401	1-216-837-11	METAL CHIP 22K	5%	1/10W	
Q514	8-729-230-49	TRANSISTOR 2SC2712-YG				R402	1-216-837-11	METAL CHIP 22K	5%	1/10W	
Q602	8-729-907-46	TRANSISTOR IMZ1				R423	1-216-857-11	METAL CHIP 1M	5%	1/10W	
Q603	8-729-907-46	TRANSISTOR IMZ1				R426	1-216-833-11	METAL CHIP 10K	5%	1/10W	
Q604	8-729-920-74	TRANSISTOR 2SC2412K-R				R435	1-216-833-11	METAL CHIP 10K	5%	1/10W	
Q660	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R				R437	1-216-821-11	METAL CHIP 1K	5%	1/10W	
Q701	8-729-920-74	TRANSISTOR 2SC2412K-R				R438	1-216-815-11	METAL CHIP 330	5%	1/10W	
Q702	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R				R439	1-216-813-11	METAL CHIP 220	5%	1/10W	
Q703	8-729-907-46	TRANSISTOR IMZ1				R440	1-216-817-11	METAL CHIP 470	5%	1/10W	
Q770	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R				R441	1-216-809-11	METAL CHIP 100	5%	1/10W	
QM301	8-729-907-46	TRANSISTOR IMZ1				R442	1-216-809-11	METAL CHIP 100	5%	1/10W	
QM701	9-885-027-99	TRANSISTOR XNTX4501-TX				R445	1-216-809-11	METAL CHIP 100	5%	1/10W	
		< RESISTOR >				R446	1-216-841-11	METAL CHIP 47K	5%	1/10W	
						R447	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R1	1-216-833-11	METAL CHIP 10K	5%	1/10W		R448	1-216-837-11	METAL CHIP 22K	5%	1/10W	
R2	1-216-829-11	METAL CHIP 4.7K	5%	1/10W		R449	1-216-841-11	METAL CHIP 47K	5%	1/10W	
R3	1-216-824-11	METAL CHIP 1.8K	5%	1/10W		R450	1-216-809-11	METAL CHIP 100	5%	1/10W	
R4	1-216-824-11	METAL CHIP 1.8K	5%	1/10W		R451	1-216-837-11	METAL CHIP 22K	5%	1/10W	
R5	1-216-865-11	METAL CHIP 3K	5%	1/10W							
						R452	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R6	1-216-823-11	METAL CHIP 1.5K	5%	1/10W		R453	1-218-725-11	METAL CHIP 24K	5%	1/10W	
R7	1-216-864-11	METAL CHIP 0	5%	1/10W		R454	1-216-846-11	METAL CHIP 120K	5%	1/10W	

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R455	1-216-835-11	METAL CHIP	15K	5%	1/10W	R627	1-216-821-11	METAL CHIP	1K	5%	1/10W
R456	1-216-809-11	METAL CHIP	100	5%	1/10W	R628	1-216-842-11	METAL CHIP	56K	5%	1/10W
R457	1-216-841-11	METAL CHIP	47K	5%	1/10W	R629	1-216-840-11	METAL CHIP	39K	5%	1/10W
R458	1-216-837-11	METAL CHIP	22K	5%	1/10W	R630	1-216-842-11	METAL CHIP	56K	5%	1/10W
R459	1-218-731-11	METAL CHIP	43K	5%	1/10W	R631	1-216-840-11	METAL CHIP	39K	5%	1/10W
R460	1-216-809-11	METAL CHIP	100	5%	1/10W	R632	1-242-957-11	METAL CHIP	5.6M	5%	1/10W
R470	1-216-837-11	METAL CHIP	22K	5%	1/10W	R633	1-216-833-11	METAL CHIP	10K	5%	1/10W
R471	1-216-821-11	METAL CHIP	1K	5%	1/10W	R634	1-216-833-11	METAL CHIP	10K	5%	1/10W
R501	1-216-833-11	METAL CHIP	10K	5%	1/10W	R635	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R502	1-216-821-11	METAL CHIP	1K	5%	1/10W	R636	1-216-809-11	METAL CHIP	100	5%	1/10W
R503	1-216-833-11	METAL CHIP	10K	5%	1/10W	R637	1-216-809-11	METAL CHIP	100	5%	1/10W
R504	1-216-821-11	METAL CHIP	1K	5%	1/10W	R638	1-216-809-11	METAL CHIP	100	5%	1/10W
R505	1-216-821-11	METAL CHIP	1K	5%	1/10W	R640	1-216-833-11	METAL CHIP	10K	5%	1/10W
R506	1-216-821-11	METAL CHIP	1K	5%	1/10W	R641	1-216-821-11	METAL CHIP	1K	5%	1/10W
R507	1-216-857-11	METAL CHIP	1M	5%	1/10W	R642	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R508	1-216-809-11	METAL CHIP	100	5%	1/10W	R643	1-216-836-11	METAL CHIP	18K	5%	1/10W
R509	1-216-809-11	METAL CHIP	100	5%	1/10W	R644	1-216-835-11	METAL CHIP	15K	5%	1/10W
R510	1-216-833-11	METAL CHIP	10K	5%	1/10W	R645	1-216-840-11	METAL CHIP	39K	5%	1/10W
R511	1-216-833-11	METAL CHIP	10K	5%	1/10W	R646	1-216-836-11	METAL CHIP	18K	5%	1/10W
R512	1-216-821-11	METAL CHIP	1K	5%	1/10W	R647	1-216-821-11	METAL CHIP	1K	5%	1/10W
R513	1-216-845-11	METAL CHIP	100K	5%	1/10W	R648	1-216-821-11	METAL CHIP	1K	5%	1/10W
R517	1-216-821-11	METAL CHIP	1K	5%	1/10W	R649	1-216-821-11	METAL CHIP	1K	5%	1/10W
R519	1-216-809-11	METAL CHIP	100	5%	1/10W	R650	1-216-821-11	METAL CHIP	1K	5%	1/10W
R520	1-216-809-11	METAL CHIP	100	5%	1/10W	R651	1-216-833-11	METAL CHIP	10K	5%	1/10W
R521	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R652	1-216-833-11	METAL CHIP	10K	5%	1/10W
R531	1-216-833-11	METAL CHIP	10K	5%	1/10W	R653	1-216-833-11	METAL CHIP	10K	5%	1/10W
R535	1-216-833-11	METAL CHIP	10K	5%	1/10W	R654	1-216-833-11	METAL CHIP	10K	5%	1/10W
R536	1-216-833-11	METAL CHIP	10K	5%	1/10W	R655	1-216-834-11	METAL CHIP	12K	5%	1/10W
R539	1-216-833-11	METAL CHIP	10K	5%	1/10W	R656	1-216-834-11	METAL CHIP	12K	5%	1/10W
R540	1-216-821-11	METAL CHIP	1K	5%	1/10W	R660	1-216-821-11	METAL CHIP	1K	5%	1/10W
R543	1-216-809-11	METAL CHIP	100	5%	1/10W	R661	1-218-285-11	METAL CHIP	75	5%	1/10W
R550	1-216-841-11	METAL CHIP	47K	5%	1/10W	R662	1-216-815-11	METAL CHIP	330	5%	1/10W
R551	1-216-841-11	METAL CHIP	47K	5%	1/10W	R663	1-216-815-11	METAL CHIP	330	5%	1/10W
R552	1-216-845-11	METAL CHIP	100K	5%	1/10W	R665	1-219-570-11	METAL CHIP	10M	5%	1/10W
R553	1-216-833-11	METAL CHIP	10K	5%	1/10W	R666	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R554	1-216-833-11	METAL CHIP	10K	5%	1/10W	R667	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R555	1-216-833-11	METAL CHIP	10K	5%	1/10W	R668	1-216-815-11	METAL CHIP	330	5%	1/10W
R556	1-216-865-11	METAL CHIP	3K	5%	1/10W	R669	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R558	1-216-845-11	METAL CHIP	100K	5%	1/10W	R701	1-216-809-11	METAL CHIP	100	5%	1/10W
R561	1-216-841-11	METAL CHIP	47K	5%	1/10W	R702	1-216-809-11	METAL CHIP	100	5%	1/10W
R563	1-216-809-11	METAL CHIP	100	5%	1/10W	R703	1-216-842-11	METAL CHIP	56K	5%	1/10W
R608	1-218-285-11	METAL CHIP	75	5%	1/10W	R704	1-216-842-11	METAL CHIP	56K	5%	1/10W
R609	1-218-285-11	METAL CHIP	75	5%	1/10W	R705	1-216-837-11	METAL CHIP	22K	5%	1/10W
R610	1-218-285-11	METAL CHIP	75	5%	1/10W	R706	1-216-837-11	METAL CHIP	22K	5%	1/10W
R612	1-216-818-11	METAL CHIP	560	5%	1/10W	R707	1-216-840-11	METAL CHIP	39K	5%	1/10W
R613	1-216-835-11	METAL CHIP	15K	5%	1/10W	R708	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R614	1-216-835-11	METAL CHIP	15K	5%	1/10W	R709	1-216-838-11	METAL CHIP	27K	5%	1/10W
R615	1-216-836-11	METAL CHIP	18K	5%	1/10W	R710	1-218-731-11	METAL CHIP	43K	5%	1/10W
R616	1-216-851-11	METAL CHIP	330K	5%	1/10W	R711	1-216-835-11	METAL CHIP	15K	5%	1/10W
R617	1-216-853-11	METAL CHIP	470K	5%	1/10W	R712	1-216-840-11	METAL CHIP	39K	5%	1/10W
R618	1-216-835-11	METAL CHIP	15K	5%	1/10W	R713	1-216-865-11	METAL CHIP	3K	5%	1/10W
R619	1-216-835-11	METAL CHIP	15K	5%	1/10W	R714	1-216-835-11	METAL CHIP	15K	5%	1/10W
R620	1-216-821-11	METAL CHIP	1K	5%	1/10W	R715	1-218-747-11	METAL CHIP	200K	5%	1/10W
R621	1-216-821-11	METAL CHIP	1K	5%	1/10W	R716	1-216-821-11	METAL CHIP	1K	5%	1/10W
R623	1-216-821-11	METAL CHIP	1K	5%	1/10W	R717	1-216-821-11	METAL CHIP	1K	5%	1/10W
R624	1-216-821-11	METAL CHIP	1K	5%	1/10W	R719	1-216-838-11	METAL CHIP	27K	5%	1/10W
R625	1-216-855-11	METAL CHIP	680K	5%	1/10W	R720	1-216-833-11	METAL CHIP	10K	5%	1/10W
R626	1-216-821-11	METAL CHIP	1K	5%	1/10W	R721	1-216-864-11	METAL CHIP	0	5%	1/10W

DISPLAY

Ref. No.	Part No.	Description			Remark
R722	1-216-857-11	METAL CHIP	1M	5%	1/10W
R723	1-216-843-11	METAL CHIP	68K	5%	1/10W
R725	1-216-839-11	METAL CHIP	33K	5%	1/10W
R726	1-216-837-11	METAL CHIP	22K	5%	1/10W
R727	1-218-271-11	METAL CHIP	2K	5%	1/10W
R728	1-216-841-11	METAL CHIP	47K	5%	1/10W
R729	1-216-843-11	METAL CHIP	68K	5%	1/10W
R730	1-216-853-11	METAL CHIP	470K	5%	1/10W
R731	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R736	1-218-271-11	METAL CHIP	2K	5%	1/10W
R737	1-216-821-11	METAL CHIP	1K	5%	1/10W
R738	1-216-821-11	METAL CHIP	1K	5%	1/10W
R739	1-216-821-11	METAL CHIP	1K	5%	1/10W
R740	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R741	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R742	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R745	1-216-809-11	METAL CHIP	100	5%	1/10W
R746	1-216-809-11	METAL CHIP	100	5%	1/10W
R751	1-218-731-11	METAL CHIP	43K	5%	1/10W
R752	1-216-864-11	METAL CHIP	0	5%	1/10W
R754	1-216-835-11	METAL CHIP	15K	5%	1/10W
R760	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R761	1-216-809-11	METAL CHIP	100	5%	1/10W
R763	1-216-833-11	METAL CHIP	10K	5%	1/10W
R764	1-216-864-11	METAL CHIP	0	5%	1/10W
R765	1-216-833-11	METAL CHIP	10K	5%	1/10W
R770	1-216-809-11	METAL CHIP	100	5%	1/10W
R771	1-216-833-11	METAL CHIP	10K	5%	1/10W
R772	1-216-839-11	METAL CHIP	33K	5%	1/10W
R773	1-216-833-11	METAL CHIP	10K	5%	1/10W
< TRANSFORMER >					
T301	9-885-028-00	TRANSFORMER, DC/DC			
< IC >					
U1	6-700-055-11	IC 74HC4053D			
U2	9-885-026-45	IC TC203G04AF-0011			
U3	8-759-242-64	IC TC4W53F			
U6	9-885-026-51	CONNECTOR 30P			
U201	8-759-669-64	IC TL1451ACPWR-12			
U501	6-700-860-01	IC PIC16C73B-20/SP			
U503	9-885-026-43	IC MB90097			
U504	8-759-354-28	IC ST24C02FM6TR			
U506	8-759-636-43	IC M66242FP			
U600	8-759-450-52	IC IR3Y29B4			
U601	6-700-055-11	IC 74HC4053D			
U602	9-885-026-44	IC DG419DY			
U610	9-885-026-39	IC AME8805AEFT			
U701	9-885-025-64	IC LF353MX			
U702	9-885-025-65	IC MN13821			
U704	8-759-575-16	IC LMC7101BIM5X			
< CERMET RESISTOR >					
VBR1	1-227-231-11	RES, ADJ, CERMET 50K			
VCDC	1-227-231-11	RES, ADJ, CERMET 50K			
VCNT	1-227-231-11	RES, ADJ, CERMET 50K			
VCOA	1-227-231-11	RES, ADJ, CERMET 50K			
VCOL	1-227-231-11	RES, ADJ, CERMET 50K			

Ref. No.	Part No.	Description	Remark		
VCOM	1-227-231-11	RES, ADJ, CERMET 50K			
VFREQ	1-227-231-11	RES, ADJ, CERMET 50K			
VFRQ	1-225-525-11	RES, ADJ, CERMET 4.7K			
VGA1	1-227-231-11	RES, ADJ, CERMET 50K			
VGA2	1-227-231-11	RES, ADJ, CERMET 50K			
VHIG	1-227-231-11	RES, ADJ, CERMET 50K			
VLOW	1-227-231-11	RES, ADJ, CERMET 50K			
VPIC	1-227-231-11	RES, ADJ, CERMET 50K			
VR+5	1-225-525-11	RES, ADJ, CERMET 4.7K			
VRGB	1-227-231-11	RES, ADJ, CERMET 50K			
VSUB	1-227-231-11	RES, ADJ, CERMET 50K			
VSUR	1-227-231-11	RES, ADJ, CERMET 50K			
VTIN	1-227-231-11	RES, ADJ, CERMET 50K			
< JUMPER RESISTOR >					
W100	1-216-864-11	METAL CHIP	0	5%	1/10W
W101	1-216-864-11	METAL CHIP	0	5%	1/10W
W102	1-216-864-11	METAL CHIP	0	5%	1/10W
W104	1-216-864-11	METAL CHIP	0	5%	1/10W
W105	1-216-864-11	METAL CHIP	0	5%	1/10W
W106	1-216-864-11	METAL CHIP	0	5%	1/10W
W107	1-216-864-11	METAL CHIP	0	5%	1/10W
W108	1-216-864-11	METAL CHIP	0	5%	1/10W
W109	1-216-864-11	METAL CHIP	0	5%	1/10W
W110	1-216-864-11	METAL CHIP	0	5%	1/10W
W111	1-216-864-11	METAL CHIP	0	5%	1/10W
W701	1-216-864-11	METAL CHIP	0	5%	1/10W
W703	1-216-864-11	METAL CHIP	0	5%	1/10W
W704	1-216-864-11	METAL CHIP	0	5%	1/10W
W705	1-216-864-11	METAL CHIP	0	5%	1/10W
W707	1-216-864-11	METAL CHIP	0	5%	1/10W
W710	1-216-864-11	METAL CHIP	0	5%	1/10W
W712	1-216-864-11	METAL CHIP	0	5%	1/10W
W719	1-216-864-11	METAL CHIP	0	5%	1/10W
< VIBRATOR >					
Y001	9-885-026-47	VIBRATOR, CRYSTAL (3.5795MHz)			
Y002	9-885-026-46	VIBRATOR, CRYSTAL (4.433619MHz)			
Y003	9-885-026-48	VIBRATOR, CRYSTAL (4MHz)			
Y004	9-885-026-48	VIBRATOR, CRYSTAL (4MHz)			

MISCELLANEOUS					

8	9-885-027-86	WIRE, LEAD			
LCD1	9-885-027-83	DISPLAY PANEL, LIQUID CRYSTAL (TFT)			
(5.8in. WIDE)					

Ref. No.	Part No.	Description	Remark
		ACCESSORIES	

	1-477-516-11	REMOTE COMMANDER (RM-X125)	
	1-477-518-11	CONNECTION UNIT (XA-116)	
	1-824-609-11	CORD, CONNECTION (EXTENSION) (5m)	
	1-824-610-11	CORD, CONNECTION (POWER)	
		(including F901,F902)	
	3-242-086-11	MANUAL, INSTRUCTION (ENGLISH,FRENCH, SPANISH)	
	3-245-767-01	BRACKET (MAIN)	
	3-245-768-01	FRAME, ORNAMENT	
	9-885-026-85	LID, BATTERY CASE (for RM-X125)	
△ F901	1-532-419-11	FUSE (3A/250V)	
△ F902	1-532-404-11	FUSE (0.1A/250V)	

REVISION HISTORY

Clicking the version allows you to jump to the revised page.

Also, clicking the version at the upper on the revised page allows you to jump to the next revised page.

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